Tivoli. *Endpoint Manager*

Version 8.1

Session Inspector Guide

IBM®

Note: Before using this information and the product it supports, read the information in Notices.

Contents

Part One

Introduction

The ***Tivoli Endpoint Manager Session Inspector Library*** is a guide to the ordinary phrases (known as Inspectors) of the **Relevance Language**™ as they apply to the Tivoli Endpoint Manager Session environment, including the Console and Web Reports.

The Session Inspectors allow you to collect information from the Tivoli Endpoint Manager database and use it to develop interactive displays, Dashboards, Wizards and powerful custom reports for display within the Console or Web Reports program.

This Guide is specifically targeted to the Session Inspectors. Client Inspectors are not available within the Session context, due to security considerations. However, you can use any of the Core or Regex Inspectors, which are included in the keyword section at the end of this document. For more information on these Inspectors, see the ***Tivoli Endpoint Manager Core Inspector Library***.

Audience

This guide is for IT managers and other people who want to create customized displays and reports using the Tivoli Endpoint Manager databases.

IT managers use the Tivoli Endpoint Manager to keep large networks of computers up to date and running smoothly without interruption. The information stored in the database can also be used by the Session Inspectors to create interactive displays and detailed reports on all the client computers in the network.

You may, if you wish, create custom reports and displays using a third-party reporting engine or by directly querying the database. However, the Session Inspectors are typically easier to set up and offer greater power and flexibility. Most importantly, the resulting reports can be interactive and offer real-time display updates.

To get the most out of this manual, it helps to have some experience with the Tivoli Endpoint Manager and the Relevance Language. For more information, see the ***Tivoli Endpoint Manager Enterprise Suite Console Operator's Guide*** and the ***Tivoli Endpoint Manager Relevance Language Reference***.

Conventions Used in this manual

This document makes use of the following conventions and nomenclature:

Convention	Use
`Mono-space`	A mono-spaced font is used to indicate expressions in the Relevance Language.
{curly braces}	Braces are used to indicate the comparison {=, !=} or arithmetic operators {+, -} that are available for a binary operation.
<angle bracket>	Angle brackets are used to indicate a type, such as string or integer, that is the object of a key phrase. When this document says 'absolute value of <integer>' it indicates that in practice, you will substitute an integer value, as in 'absolute value of 5'.
Italics	Indicates an Inspector *Form*. Some Inspectors are simple keywords. Others are a keyword in combination with another Inspector. Still other forms allow iteration through object lists. Each form is defined below
Small print	The small print beneath the description of each Inspector notes the version when it debuted on every relevant operating system (see the following section on Versions).

Examples

Square bullets and a mono-spaced font denote examples of Inspectors as used in a Relevance Expression. If you have a color version of this file, these square bullets are also red:

- `concatenation of "light" & "year"`
- Returns "lightyear"

Diamond-shaped bullets denote generic examples. These won't execute until the generic parts (typically in angle brackets <>) are filled in:

- `html tag (<name>, <contents>)`
- Creates an html tag with the specified name and contents.

Versions

Each Inspector will indicate the version that introduced it, such as Version 7.2+. To minimize clutter, the version number is eliminated if it is less than or equal to version 6.0.

Forms

You will notice that many of the keywords of the language are not unique; they get their meaning from their context. Accordingly, their definitions often include a phrase to define the context of each Inspector. In the following pages, you will find tables defining the Inspectors of the relevance language. The Inspectors come in several **forms** depending upon their context:

Form	Syntax	Example
Plain	keyword of <object>	address of ip interface
Plain Global	keyword	drives
Named	keyword "*name*" of <object>	variable "PATH" of environment
Named Global	keyword "*name*"	primary internet connection
Numbered	keyword *number* of <object>	line 5 of file "/usr/lib/foobar"
Numbered Global	keyword *number*	month 9
Index<(list)>	keyword (list) of <object>	substring (1,2) of "abcdefg"
Index<(list)> Global	keyword (list)	integers in (2,-1)
Binary Operator	<object> {op, cmp} <object>	December – current month
Unary Operator	{op} <object>	-month
Cast	<object> as keyword	"4.5" as floating point

These differ from one another in their format and the syntax they require. Except for cast, binary, and unary operators, these forms can be used to access both single objects and *lists* of objects by using the plural form of the keyword. The plurals are all listed in the keyword section at the end of this document.

In the following pages, each Inspector is described in terms of the **methods** that are used to create the Inspector object, the **properties** of the object that are available for inspection, the mathematical (binary and unary) **operations** that that can be performed on them, as well as **casting** options to convert the various types.

Part Two

Getting Started

Introducing Session Inspectors

Session Inspectors allow users to mine data from the Tivoli Endpoint Manager Console's data stores. These Inspectors can be used to query information about an entire Tivoli Endpoint Manager deployment and consequently, provide extremely powerful reporting capabilities. In addition to the Session Inspectors described here, the Core Inspectors (such as string, integer, etc.) are also available. However, for security reasons, the Client Inspectors are not available in this context.

Session Inspectors return information about Console objects, not the local computers themselves. Users may probe for information regarding Fixlet messages and tasks, computers, actions, analyses, sites, wizards, and properties. These Inspectors deal with extremely large data sets and should be used with care by experienced content authors. For the sake of compactness and efficiency, this Guide excludes the Core and Client Inspectors of the Relevance language. For more information about the extended Relevance language, consult the ***Tivoli Endpoint Manager Inspector Guides***.

The Session Inspectors can be run in two environments: the Console and Web Reports. Using Session Inspectors, you can create dynamic displays in the Console to get a condensed history or a real-time view of the current network status. In Web Reports, you can create flexible reports that can aggregate data across multiple servers and that you can print or archive for future reference.

To tell whether your Relevance expressions are being evaluated in the Console or Web Reports, you can use the following global boolean properties:

- in console context
- in Web Reports context

These Inspectors will return TRUE or FALSE, depending on which environment is currently active.

Running the Presentation Debugger

The Presentation Debugger is available from the optional Debug menu in the Console. You can create and debug Session code from this interface. As you go through this guide, you might want to type the examples into the Presentation Debugger and click the **Evaluate** button. This is an excellent way to learn what the Session Inspectors can do for you.

If you don't already have the Debug menu installed in the Console, simply hold down Ctrl-Alt-Shift-D. That will bring up the Debug dialog which continuously displays information pertaining to the Console. Check the box labeled **Show Debug Menu** to add the Debug menu to the Console interface.

Once you've installed the Debug Menu, select Presentation Debugger and a dialog box will appear. There is a text box at the top, where you can key in Relevance expressions or simply cut and paste from any examples you have. You can also load a file with the **Open File** button. You can evaluate the expression as a string, HTML or a Presentation. Click the Evaluate button to see the results in the lower pane of the dialog.

Editing Presentations

Every time you make a change using the Presentation Debugger, you must re-import it, creating a new copy of the analysis. During extensive debugging, you may end up with multiple copies of the same analysis. This can make it difficult to keep track of the latest version, can clutter your console, and may bog down the clients with superfluous analysis evaluation.

So, although the Presentation Debugger works well for a few lines, it is inefficient for significant development projects. Some suggestions for making the process more productive are:

- Develop iteratively, a short section at a time. Use the Presentation Debugger for each short section, rather than the whole presentation, and combine the sections after debugging.
- Put the content in a Fixlet site and subscribe to it. Then you'll get content replacement automatically.
- Use the Web Reports **Edit Custom Report** feature, which allows you to make quick presentation edits and immediately view them in Web Reports.
- Make a Document Wizard XML file on your local drive, and then use the **Debug > Load Wizard** menu option to add it to the menus or navbar. The XML file will be reloaded each time you close and reopen the document.

Using Session Inspectors

There are three main categories of Session Inspectors. There are the data-store inspectors, which process items in the database, there are set Inspectors that manage arrays, and there are HTML Inspectors that help you to format your presentations using hypertext markup.

Listing the Data-Store Inspectors

You can get a good overview of the available Inspectors by evaluating the following Relevance expression in the Presentation Debugger:

- properties whose (direct object type of it as string starts with "bes")

This will yield a list of hundreds of Session Inspectors. The basic types include:

- bes **fixlet**
- bes **action**
- bes **property**
- bes **computer**

These types are global iterated properties. For example:

- names of bes properties
  - Returns a list of the names of all the currently assigned properties.
- names of bes computers
  - Returns a list of the names of all the computers administered by the current user.

Using Set Inspectors

As well as iterated lists, there is a related class of Inspectors that work with sets. These Inspectors treat a list of objects as a mathematical set. These sets, in turn, can be manipulated with traditional set operators like union and intersection. You can create sets from individual elements, separated by semicolons:

- elements of intersection of (set of ("to";"be"); set of ("or";"not";"to";"be"))
  - Returns the list: be,to.

Or you can create sets from ordinary lists:

- intersection of administered computer sets of bes users whose (name of it is "joe" or name of it is "sue")
  - Returns the set of computers administered by both Sue and Joe.

Using HTML Inspectors

In order to display the results of your Session Inspectors, Tivoli Endpoint Manager provides a way to view and format them using HTML. There are a number of Inspectors that facilitate the generation of HTML text from the ordinary string and numeric literals typically returned by a Session Inspector. In particular, you may want to generate well-formed HTML from the various properties and their statistics. When generating HTML, you will be working with the "html" type. This type can be thought of as a string that carries around an indication that its contents are to be treated as HTML. This automatically keeps track of normal string characters that have special meaning in HTML (such as <, >, and &), and escapes them. Forgetting to escape these special characters when outputting text – especially when based on user input or database content – is frequently a source of errors.

The following two features help you to avoid such errors when authoring presentations:

- The Inspector conversion from string to HTML automatically converts reserved characters to the appropriate HTML entities.
- The results of evaluating relevance processing instructions are converted to HTML before being inserted in the presentation HTML.

This means that you can write Relevance expressions just as you would expect and simply use the html Inspector to convert it:

- html of "AT&T"
  - Returns <html>AT&T</html>

Notice that the ampersand is properly converted to HTML code, and the whole phrase is embedded between <html> tags. Or you can cast a string as an html type explicitly to achieve the same results (but without the bracketing <html> tags):

- "<h1>Heading</h1>" as html
  - Returns <h1>Heading</h1>

This syntax allow you to embed any kind of text you want in an HTML string without it being interpreted as an HTML command. But what if you actually want HTML code to be output? This can also be done with an indexed HTML command such as:

- html "<h1>Heading</h1>"
  - Returns <h1>Heading</h1>

This is very similar to the “html of” command (above), so take care to note the difference. You should try to minimize usage of the "html" indexed property, as it could potentially provide a mechanism for a malicious user to launch a script insertion attack on the Console. As an alternative to HTML string literals in Relevance expressions, consider using one of the HTML tag Inspectors described below. As an alternative to HTML formatted retrieved properties, consider reporting the results in plain text and doing the formatting from within the presentation.

If you concatenate html with strings, it will automatically escape any reserved characters:

- html "<h1>" & "PG&E" & html "</h1>"
  - Returns <h1>PG&E</h1>

Or:

- concatenation of (html "<h1>"; "R&D" as html; html "</h1>")
  - Returns <h1>R&D</h1>

Note that for concatenation, the items in the list must all have the same type, so the following will not work:

- concatenation of (html "<h1>"; "R&D"; html "</h1>")
  - Returns the error: Incompatible types (html and string).

Using HTML Tag Inspectors

Although it is possible to use the "html" indexed property (as shown above), the HTML tag Inspectors are recommended instead:

- html tag "h1" of "Johnson & Johnson"
  - Returns <h1>Johnson & Johnson</h1>

The "html tag" takes as an index parameter the name of the HTML element with which to surround the direct object text. The direct object (the object after the "of") can be either a string or html. If it is a string, it will be HTML-escaped. The index parameter can also include attributes, separated from the element name by whitespace:

- html tag "h1 id='Ben & Jerry'" of "Ben & Jerry"
  - Returns <h1 id='Ben & Jerry'>Ben & Jerry</h1>

Nesting tags is straightforward:

- html tag "div id='header'" of html tag "h1" of "AT&T"
  - Returns <h1>AT&T</h1>

Most common HTML elements have a shorthand tag property:

- h1 of "P&G"
  - Returns <h1>P&G</h1>

Like the generic html tag Inspector each shorthand tag property accepts either strings or html as a direct object. Each also accepts HTML attributes as an index parameter:

- h1 "id='P&G' class='header'" of "P&G"
  - Returns <h1 id='P&G' class='header'>P&G</h1>

The following tags are supported:

abbr	acronym	address	anchor	b
base	big	blockquote	body	caption
cite	code	col	colgroup	dd
del	dfn	div	dt	em
h1	h2	h3	h4	h5
h6	head	html	i	ins
kbd	li	link	meta	ol
p	pre	q	samp	small
span	strong	sub	sup	table
tbody	td	tfoot	th	thead
title	tr	tt	ul	var

Since "a" is ignored by the relevance evaluator, the "a" shorthand property is replaced by "anchor".

- anchor "href='http://www.bigfix.com'" of "bigfix"
  - Returns bigfix

Finally, there are a few special purpose aggregating properties:

- **ordered** list
- **unordered** list
- **definition** list

These produce HTML lists (of the respective types) of their plural string or html direct object:

- ordered list of ("<"; ">"; "&")
  - Returns <
>
&
- unordered list of ("<"; ">"; "&")
  - Returns <
>
&

The definition list command alternates between dt and dd elements. It is meant to be used where you have a natural set of name/value pairs:

- definition list of (name of it; free space of it as string) of drives whose (exists free space of it)
  - Returns <dl><dt>C:</dt><dd>32183602176</dd> <dt>G:</dt><dd>4845355008</dd></dl>

Linking To Other Documents

You can use the link property of <bes fixlet>, <bes computer>, <bes action> and <bes user> to create a hyperlink that will open the document window for that object when it is clicked.. In the Console, clicking the link will open the MDI document for the given object. In Web Reports, the link opens a Web Reports page for the object. There are a few different forms of the link Inspector:

- link of bes fixlet whose (id of it is 1)
  - Returns an anchor tag of the form: <A href="linkid:openfixlet(2,1)">Tivoli Endpoint Manager Clients in Seat Count Grace Mode</A>

This creates a hyperlink labeled “Tivoli Endpoint Manager Clients in Seat Count Grace Mode” (the title of the Fixlet message) that, when clicked, will bring up the Fixlet with ID=1 in the Console.

You can specify the contents of the anchor tag by using an index object:

- link "Click Here" of bes fixlet whose (id of it is 1)
  - Returns <A href="linkid:openfixlet(2,1)">Click Here</A>,
- link (b of "Click Here") of bes fixlet whose (id of it is 1)
  - Returns <A href="linkid:openfixlet(2,1)">Click Here</A>, creating the link in bold face.

You can get just the href string using link href:

- link href of bes fixlets whose (id of it is 0)
  - Returns linkid:openfixlet(2,1).

Web Reports doesn’t use the linkid: protocol, but instead interprets the code to generate its own-style links. Therefore, for portability reasons, you should try to use the link Inspector to automatically generate the proper link styles whenever possible.

Presentation Relevance

You can add relevance to your presentation using either preprocessing or JavaScript.

Using Preprocessing

You can evaluate relevance in presentations in two ways which are compatible with both the Console and Web Reports. There are certain things you can do in the Console – such as refreshing content – that will not work in Web Reports, but these are designed to fail gracefully. The two ways are server side and client side, although the meanings of these terms are a bit different than what you might expect. In this section we talk about the server side (preprocessing) technique; the next section will cover the client side (JavaScript).

For server side preprocessing, relevance commands are set into a special relevance tag:

- `<?relevance "expression"?>`

Notice that this is similar to other language declarations, such as <?xml?> or <?php?> tags. Preprocessor directives are typically handled by the server before the page is loaded and handed off to the display engine. In this implementation, that role is played by the Console.

In Consoles prior to version 6.0, these preprocessor relevance commands are ignored. However, in 6.0 the instructions are parsed out at load time and replaced by the result of evaluating the given expression. This is useful for expressions that only need to be evaluated once, or for those you need as soon as the page is loaded. In Web Reports, you might choose this technique if you want to apply an active filter.

The result is coerced into the new html Inspector type, which means that string results will be escaped so that they will not confound any surrounding HTML code.

Using JavaScript

The second way to add relevance to your presentations is with a client-side JavaScript. This technique uses the EvaluateRelevance API, which allows you to incorporate Relevance results within JavaScripts. This functionality is provided by an external javascript file which is automatically included by console documents that support presentation functionality (including Fixlets, Tasks, Baselines, Analyses and Wizard documents). In Web Reports the included file is defined slightly differently, but provides the same functionality.

From any script code you can evaluate a Relevance expression and get the results back as a string, like this:

- `myDiv.innerText = EvaluateRelevance( "expression" );`

Where “expression” is a Relevance expression, as discussed above. The result of EvaluateRelevance depends on whether the expression is a singular expression or a plural expression. If expression is singular, the result is a string. If it is plural, the result is an array of strings. Unlike the results of relevance in processing instructions, none of the strings are HTML-escaped unless you use the "as html" cast explicitly.

There are many advantages to working with JavaScript. One of the most important is user interactivity. For example, you can create a script that will only evaluate relevance after getting input from the Console user.

NOTE: If an error is encountered, EvaluateRelevance throws an exception. You can get a descriptive error string as follows:

```
try
 {
    myDiv.innerText = EvaluateRelevance( "expression" );
 }
 catch (e)
 {
    window.alert( "Error encountered evaluating relevance: " + e.description );
 }
```

Refreshing Relevance

In general, users of the Console expect the documents to be updated as new information comes in from the database. In order to make <?relevance ?> instructions automatically update, you need to specify another pair of processing instructions to enclose the desired section of the document:

- <?BeginRefreshRelevance?>
- <?EndRefreshRelevance?>

These tags will cause every <?relevance ?> tag contained between them to be re-evaluated every time something in the Database changes. If the result of the relevance is unchanged, then the document is left unaltered. However, if the result of the relevance is different from the last time it was evaluated, the section of the document enclosed by the BeginRefreshRelevance and EndRefreshRelevance tags is updated to reflect the new results.

NOTE: WebReports does not support refreshing relevance.

The actual implementation of this update is important because it may affect the way you need to code your HTML. The <?BeginRefreshRelevance?> tag is replaced by a tag, and the <?EndRefreshRelevance?> tag is replaced by a tag. When the Console detects that one of the <?relevance ?> tags has changed, it updates the entire section of the document by replacing the contents of the tag with the new contents that reflect the change in the result of the relevance. The insertion of these tags can affect how the HTML is rendered, so be careful where you place the BeginRefreshRelevance and EndRefreshRelevance tags.

In order to correctly identify which needs to be updated the console assigns an "id" attribute to the tag that it generates to replace the <?BeginRefreshRelevance?> tag. By default, that id is "__DRRSN" (an acronym for Default Refresh Relevance Section Name). You can specify a different id in the refresh tags like this:

- <?BeginRefreshRelevance id="MyRefreshSpan"?>
- <?EndRefreshRelevance id="MyRefreshSpan"?>

Note that the ids must match up. You can nest RefreshRelevance tags arbitrarily because they will be matched up using their ids. Note that since the default id is a fixed value, you cannot specify more than one RefreshRelevance section without using an id attribute (otherwise the same id would be used more than once, which would be invalid).

You can specify what types of changes will trigger a refresh, and how often by adding attributes to the BeginRefreshRelevance tag. By default, ALL types of changes will trigger a refresh no matter how long it has been since the last refresh. Here is an example:

- <?BeginRefreshRelevance id="OpenActions" ActionResults="00:01:00" Actions="00:00:00" ?>
- <?relevance (link of it & " (" & (number of results of it as string) & ")" & br) of bes actions whose (state of it is "Open") ?>
- <?EndRefreshRelevance id="OpenActions" ?>

The first line has an attribute called ActionResults, which determines the refresh rate. Here it is set to 00:01:00 to refresh no more than once per minute (using the standard Tivoli Endpoint Manager TimeInterval string format). When an action result changes, the Console will only refresh the section if at least one minute has passed since the last action result change was detected. There is also an Actions attribute which determines the refresh rate of the action itself (whether it has been taken, stopped, restarted, etc.). The value of 00:00:00 dictates that as soon as an action changes, the section should be refreshed, regardless of elapsed time.

The second line of this example displays the open actions as a list of HTML links. Click on one to bring up the associated action document. After each link, the number of results for each action appears in parentheses, which is a rough approximation of how many applicable computers have reported on the action. The list might look something like this:

```
MS03-037: Flaw in Visual Basic for Apps Could Allow Code Execution (2524)

MS03-037: Vulnerability in Explorer Could Allow Remote Execution (39824)
```

This section only depends on the actions and their results, so the RefreshRelevance tag only needs to specify those two attributes.

The other refresh attributes include:

- **Computers**: Refresh whenever a computer is added or removed (ComputerDataStore).
- **ReportTimes**: Refresh whenever a computer's last report time changes.
- **ExternalContent**: Refresh whenever external Fixlet site content changes (FixletStore).
- **CustomContent**: Refresh whenever custom content changes, not including actions (ActionSiteStore).
- **Actions**: Refresh whenever actions are taken, stopped, restarted, etc. (ActionStore).
- **ActionResults**: Refresh whenever a client reports on the status of an action (ActionResultStore).
- **FixletResults**: Refresh whenever a client reports on the relevance of a fixlet (FixletResultStore).
- **PropertyResults**: Refresh whenever a client reports a new value for a retrieved property (RPResultStore).
- **RefreshCycle**: See notes below.
- **ManualRefresh**: See notes below.

NOTE: Refreshes are actually only done at the end of each refresh cycle, not when the change is first detected. At the end of the cycle the Console checks to see if any of the attributes you specified has changed and if the time interval has expired. If both conditions are met, then a refresh occurs. The RefreshCycle attribute can be used to force a refresh at the end of the refresh cycle, regardless of whether anything has changed or not.
You can also create blocks that can be refreshed manually by using the ManualRefresh attribute in combination with the predefined ManualRefresh script function. For example:

- <?BeginRefreshRelevance id="Clock" ManualRefresh="00:00:00"?>
- <P>The current time is: <?relevance now ?></P>
- <?EndRefreshRelevance id="Clock" ?>
- <P><Button onclick='ManualRefresh("Clock")'>Refresh</Button></P>

NOTE: You must pass the id of “Clock” to the ManualRefresh function, or you will refresh the wrong section. If you call ManualRefresh with a blank or empty parameter, it will refresh the default section (named __DRRSN).
To refresh all the sections, use ManualRefreshAll(). So, in the following example:

- <?BeginRefreshRelevance ManualRefresh="00:00:00"?>
- <?relevance now ?>
- <?EndRefreshRelevance?>
- <?BeginRefreshRelevance id="Foo" ManualRefresh="00:00:00"?>
- <?relevance now ?>
- <?EndRefreshRelevance id="Foo"?>

Here, either ManualRefresh("") or ManualRefresh() will refresh the first clock, which has the default name. ManualRefresh("Foo") will refresh the second clock, named Foo. ManualRefreshAll() will refresh both clocks.

NOTE: If the call to the ManualRefresh script function is inside the refresh tags you run the risk of confounding your browser. IE is actually quite tolerant of this sort of thing, but it's good practice to put the call to ManualRefresh outside of the <?Refresh?> tags that it refreshes.

Statistical Aggregation

Since version 6.0 of Tivoli Endpoint Manager maintains a set of historical databases, allowing you to display and archive long-term statistical data about your networked computers.

A good way of illustrating how this feature works may be to think about the dimensions of the data managed by Tivoli Endpoint Manager. In version 5.1, property data has two dimensions: property and computer. You could envision all the property results as a two dimensional table, with each column representing a property, and each row representing a computer. A cell in this table holds the most recent result reported by a computer for the given property.

In version 6.0, a time dimension has been added: selected properties can be set up to track changes over time. In order to keep the size of the data manageable, statistics are aggregated over all the computers reporting on a specific property in a particular time period.

You can envision the resulting data set as another two dimensional table. Again, each column represents a single property, but now each row represents a interval of time, for example the five minute interval between 12:00 and 12:05 AM on Jan 1 2006. Each cell in this table contains a statistical summary of all the clients reporting on the given property during the specified time period. The statistics could indicate, for example, that 67 clients recorded a result during a specified five-minute period, that the average value recorded in that period was 144.32, and that the maximum value recorded was 226.

These cells are called **statistical bins**. For each enabled property, Tivoli Endpoint Manager keeps 2048 bins of 5 minute duration, 2048 bins of 1 hour duration, and 2048 bins of 1 day duration. This is equivalent to about a week's worth of 5 minute bins, three month's worth of hour bins, and 5.5 years of day bins. The bins of a given property will never overlap and always form a contiguous range.

The Inspectors which expose this data work with statistical bins as well as **ranges** of statistical bins.

Creating Statistical Properties

There are a couple of methods you can use to get statistical properties into your deployment:

- Import an existing analysis containing properties with the **KeepStatistics** attribute set to TRUE.
- Author an analysis in a Fixlet site using hand-edited action script MIME. Add the header **X-Keep-Statistics:true** to the property headers.

The property of interest must return an integer, floating point or Boolean type in order to compile statistics. If you attempt to set the KeepStatistics attribute on a property that does not return one of these types, it will be ignored.

Plural properties work as expected. For example, "free spaces of drives" will result in statistics about all drives on all computers.

Accessing Statistics

To access the aggregated statistics for a specific property, use the statistic range Inspector:

- `statistic range of <property>`

This returns the range of statistical bins associated with the specified property. The property must have been marked for statistical aggregation. If it has not, or no clients have reported results, this Inspector throws NoSuchObject.

Inspecting Statistical Ranges

You have several tools to examine statistical ranges:

- `start of <statistic range>`
- `end of <statistic range>`

These return the starting and ending times of the specified range.

- `range <time range> of <statistic range>`

For time range = (t0, t1), returns a sub-range of bins beginning with the earliest bin containing t0 and ending with the bin just before the one containing t1. If either of these bins does not exist, it throws NoSuchObject.

- `bin at <time> of <statistic range>`

Returns the bin in the statistical range which starts before and ends after the specified time range. If no such bin exists, it throws NoSuchObject.

- `total of <statistic range>`

Statistically totals the bins in the specified range, producing a single bin covering the same range. Primarily useful after constraining the range.

- `totals <time interval> of <statistic range>`

Used for downsampling (condensing) bins. Totals over the specified range, producing a new series of bins with length determined by the time interval. The resulting range will start and end on a multiple of the time interval. For example if you ask for day bins, the result will start and end at midnight. If the time interval is not a multiple of the the length of the starting bin of the range, this Inspector throws NoSuchObject. For example, you cannot get 6-hour totals of a range which starts with day bins.

- `bins of <statistic range>`

This iterates over the individual bins in the range. Primarily useful after downsampling.

Using Linear Projections

A bin represents two-dimensional data: values collected over a range of time. When the time range for a bin is large, we can look for trends in the way the values change over time. The "linear fit of <statistical bin>" Inspector uses the least-squares method to fit a line through the data in the bin. The linear projection it returns has the following floating-point properties:

- `correlation coefficient of <linear projection>`

This provides a measure of how well the projection fits the data. The value ranges from -1 to 1, where -1 represents a perfect inverse correlation, 1 is a perfect direct correlation, and 0 represents no correlation at all.

- `extrapolation (<time>) of <linear projection>`

This is the projected value at a given time.

- `rate of <linear projection>`

This represents the slope of the line. Multiply this by a time interval to compute the projected growth over a period of that length.

Using Exponential Projections

The "exponential fit of <statistical bin>" function is similar to the linear projection. It uses the least-squares method to fit a line through the logarithms of the values in the bin. It is therefore only useful for positive data. The exponential projection it returns has the following floating-point properties:

- `correlation coefficient of <exponential projection>`

This provides a measure of how well the projection fits the data. The value ranges from -1 to 1, where -1 represents a perfect inverse correlation, 1 is a perfect direct correlation, and 0 represents no correlation at all. Remember this is a correlation to the logs, not the values themselves.

- `extrapolation (<time>) of <exponential projection>`

This is the projected value at a given time.

- `rate (<time interval>) of <exponential projection>`

This is the factor by which the value is projected to increase over the given time interval.

Examples

The following sample code will populate a JavaScript array named ‘statistics’ with summary statistics for the last 30 days in 1 day chunks:

- javascript array "statistics" of totals (1 * day) of range ((now - (30 * day)) & (now)) of statistic ranges of bes properties whose (id of it as string = 100)

That is the basic relevance clause. To use it in a presentation, you can use the server-side or client-side techniques. To perform a server-side substitution, use a script like this:

- <script> <?relevance javascript array "statistics" of totals (1 * day) of range ((now - (30 * day)) & (now)) of statistic ranges of bes properties whose (id of it as string = 100) ?> alert(statistics.length); </script>

Or, if you want to use JavaScript to add interactivity, use the client-side technique:

- <script> eval(EvaluateRelevance('javascript array "statistics" of totals (1 * day) of range ((now - (30 * day)) & (now)) of statistic ranges of bes properties whose (id of it as string = 100)')); alert(statistics.length); </script>

Provided that statistics have been collected on the given property for the last 30 days, either technique will produce a JavaScript array with 30 entries. Each entry holds multiple statistics (mean, variance, standard deviation, etc.) for each day. When this command is executed, a new section of code will be embedded in the script, containing assignment statements to set the values of the array.

Here is the code that is created and embedded for the first day in the range:

- var statistics = new Array();
- statistics[0] = new Object();
- statistics[0].StartTime = new Date(1151020800000);
- statistics[0].EndTime = new Date(1151107200000);
- statistics[0].MeanComputerCount = 7.6700694444444448;
- statistics[0].MeanSuccessfulComputerCount = 7.6700694444444448;
- statistics[0].MeanFailingComputerCount = 0.0000000000000000;
- statistics[0].SuccessRate = 1.0000000000000000;
- statistics[0].FailureRate = 0.0000000000000000;
- statistics[0].MeanValueCount = 1.0000000000000000;
- statistics[0].MeanZeroCount = .5507836195891317;
- statistics[0].MeanNonzeroCount = .44921638041086840;
- statistics[0].Mean = .44921638041086840;
- statistics[0].Variance = .24742102398142636;
- statistics[0].StandardDeviation = .49741433833518144;
- statistics[0].Skewness = .20419041300297692;
- statistics[0].Kurtosis = -1.9583062752376728;
- statistics[0].LogMean = 0.0000000000000000;
- statistics[0].LogVariance = 0.0000000000000000;
- statistics[0].LogStandardDeviation = 0.0000000000000000;
- statistics[0].LogSkewness = Number.NaN;
- statistics[0].LogKurtosis = Number.NaN;
- statistics[0].GeometricMean = 1.0000000000000000;
- statistics[0].MinimumValue = 0.0000000000000000;
- statistics[0].MaximumValue = 1.0000000000000000;
- statistics[0].MinimumSingleComputerTotal = 0.0000000000000000;
- statistics[0].MaximumSingleComputerTotal = 1.0000000000000000;
- statistics[0].MeanTotal = 3.4455208333333332;
- statistics[0].TotalLowerBound = 3.0000000000000000;
- statistics[0].TotalUpperBound = 4.0000000000000000;
- statistics[1].....

A value is available for each statistic recorded for each day. Note that a time range object is created by concatenating a start and an end time:

- (now - (30 * day)) & (now)

You can also access statistics in individual bins. For example this will give you the mean of the values reported for the bin at the specified time:

- mean total of bin at ("Thu, 29 Jun 2006 18:30:00 -0700" as time) of statistic ranges of bes properties whose (id of it as string = "1624")

There is also information available about the bins themselves, such as start and end date:

- (start of it as string & " - " & end of it as string & " - " & length of it as string) of bins of statistic ranges of bes properties whose (id of it as string = "1624")

Part Three

Inspectors

Primitive Objects

The relevance language is based upon a comprehensive set of primitive objects. These primitives are the basic building blocks of the more complex objects to follow. The Core Inspector Guide documents the bulk of the primitive object inspectors. Where a specialized platform-specific method exists to create, inspect, or manipulate primitive objects, they will be documented in the respective Inspector guide.

String

String are typically core objects, but some string Inspectors may be client-specific.

- Note: A string literal is written within double quotes. Special characters must be inserted by using the percent sign followed by 2 hex digits. Special characters include those characters with ASCII codes less than the 'space' character (hex 20) or greater than 'tilde' character (hex 7f) as well as the percent character itself (25 hex). For example, to create a string containing a null character and a percent character use "a null is %00, the percent itself is %25". Conversion to upper and lower case is also provided. String works in combination with the string position and substring data types. A string position is a point within a string. It can be compared to an integer, but it also acts as a pointer within a string so that the preceding and following text can be extracted. A substring is a part of a larger string. All operations allowed on a string can be performed on a substring. There are two substrings "be" in the string "To be or not to be". The substrings only differ in their positions within the string.

Creation Methods

These string creation methods are in addition to the other properties that return the string type.

Key Phrase	*Form*	Description
bes language	*PlainGlobal*	Returns a string corresponding to the national language of the program, such as ENU for English or ESP for Spanish. Version 8.1+
preferred bes language	*PlainGlobal*	Returns a string corresponding to the preferred national language of the current program installation. Version 8.1+

NOTE: Many Inspectors return string values from the operating system using a variety of APIs. For the most part, these strings are encoded as single-byte character sets (SBCSs) or multi-byte character sets (MBCSs) depending on the active code page. You can use the code page Inspectors to determine which page is currently active on the client.

World Objects

These are the plain, named, numbered or indexed global objects. This list is the subset of World objects that return primitive types, such as string, integer, boolean and time.

World

All objects created without context are known as 'properties of the world' in the relevance language. Below is a list of the primitive global properties, sorted by key phrase.

Properties

Key Phrase	*Form*	Return Type	Description
administrator <(bes computer, bes user)>	*Index<(bes computer, bes user)>Global*	<boolean>	Returns TRUE if the specified user is an administrator of the given computers. Version 7.0+
administrator <(bes user, bes computer)>	*Index<(bes user, bes computer)>Global*	<boolean>	Returns TRUE if the specified user is an administrator of the given computers. Version 7.0+
bes brand	*PlainGlobal*	<string>	As of version 7.2, the BES Console can be branded by third parties who want to use the engine to deliver specific content. This Inspector returns a string that identifies any branding associated with the BES Console. The unbranded Console returns 'bigfix', but other third-party brands may result. Version 7.2+
bes language	*PlainGlobal*	<string>	Returns a string corresponding to the national language of the program, such as ENU for English or ESP for Spanish. Version 8.1+
in console context	*PlainGlobal*	<boolean>	Returns TRUE if this Inspector is being evaluated in the BES Console environment.
in web reports context	*PlainGlobal*	<boolean>	Returns TRUE if this Inspector is being evaluated in the Web Reports environment.

Key Phrase	*Form*	Return Type	Description
pending license update	*PlainGlobal*	<boolean>	Returns TRUE if the license update is currently pending. This means that the license has been updated in the database, but has not yet been put into a masthead and pushed down to clients. It is used by the license overview to tell you that you have an updated license, but your clients may still be in restricted mode because they aren't aware of the new license parameters. Version 8.0+
preferred bes language	*PlainGlobal*	<string>	Returns a string corresponding to the preferred national language of the current program installation. Version 8.1+
private variable <(string, string)>	*Index<(string, string)>Global*	<string>	This Inspector returns a string containing the dashboard datastore private variable corresponding to the dashboard ID and name provided in the first and second items in the tuple. Version 8.0+
relevant <(bes computer, bes fixlet)>	*Index<(bes computer, bes fixlet)>Global*	<boolean>	Returns TRUE if the given Fixlet message is relevant on the specified computer.
relevant <(bes fixlet, bes computer)>	*Index<(bes fixlet, bes computer)>Global*	<boolean>	Returns TRUE if the given Fixlet message is relevant on the specified computer.
shared variable <(string, string)>	*Index<(string, string)>Global*	<string>	This Inspector returns strings containing the variables shared across console users for the given dashboard ID and name provided in the first and second items in the tuple. Version 8.0+
subscribed <(bes computer, bes site)>	*Index<(bes computer, bes site)>Global*	<boolean>	Returns TRUE if the given computer is subscribed to the given BES site. Version 8.0+
subscribed <(bes site, bes computer)>	*Index<(bes site, bes computer)>Global*	<boolean>	Returns TRUE if the given computer is subscribed to the given BES site. Version 8.0+

Examples

- `"The brand is: " & bes brand`

  Returns a string containing the current third-party branding of the BES Console (or, if none, returns 'bigfix').

Site Objects

These keywords query the properties of Fixlet sites to which the client is subscribed.

BES Site

The site Inspectors return the names and IDs of the specified site objects. As of BES 7.0, the BES custom site type has been merged with BES site, which now represents all supported types, including external sites, master action sites, operator sites, and custom sites. All properties of BES custom site are now accessible via BES site. As a compatibility measure, BES sites still returns only external and master action sites.

Creation Methods

Key Phrase	*Form*	Description
action site of <bes user>	*Plain*	If the user is a master operator, this Inspector returns the Master Action site. Otherwise, it returns the operator site of the user. For example, "number of subscribed computers of action site of current console user". Version 8.0+
all bes site	*PlainGlobal*	This iterative Inspector returns a list of all external, master, operator, and custom sites. Version 7.0+
bes custom site	*PlainGlobal*	Returns a list of all custom sites. Deprecated as of version 7.0; instead use "all bes sites whose (custom site flag of it)". Version 7.0+
bes site	*PlainGlobal*	Returns a list of all the BES sites.
current bes site	*PlainGlobal*	Returns the site that is the source of the current relevance evaluation. Items in a site that can evaluate relevance include Fixlet messages, Tasks, Baselines, Analyses, Wizards and Dashboards. Version 8.0+
custom site of <bes domain>	*Plain*	Returns all the custom sites that have been created in the specified BES domain. Version 8.0+
custom site of <bes fixlet>	*Plain*	If the specified Fixlet message resides in a custom site, this Inspector returns the corresponding site object. Version 7.0+

Key Phrase	*Form*	Description
element of <bes site set>	*Plain*	Returns the elements of the specified set of BES sites. Version 8.0+
operator site of <bes user>	*Plain*	This Inspector returns the BES site object for the given (non-master) user. If the user is a Master Operator, this Inspector will throw NoSuchObject. Version 8.0+
site of <bes computer group>	*Plain*	Returns the site corresponding to the specified BES Computer Group. Version 7.0+
site of <bes fixlet>	*Plain*	Returns the <bes site> object which contains the specified fixlet.
site of <bes wizard>	*Plain*	Returns the site corresponding to the specified BES Wizard. Version 7.0+
subscribed site of <bes computer>	*Plain*	Returns a list of the BES sites subscribed to by the specified BES computer. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
creation date of <bes site>	*Plain*	<time>	Depending on the type of the BES site, this inspector returns the creation date: • External and Master sites: Does not exist (added in version 7.0). • Operator sites: The <moment> when the operator was created (added in version 7.0). • Custom sites: The <moment> when the site was created. Version 7.0+
creator of <bes site>	*Plain*	<bes user>	Returns the <bes user> who created the specified custom site. Does not exist for External, Master or Operator sites. Version 7.0+
custom site flag of <bes site>	*Plain*	<boolean>	Returns TRUE if and only if the specified site is a custom site. Version 7.0+
description of <bes site>	*Plain*	<string>	For a custom site, this is the description of the site that was specified by the creator. For External, Master or Operator sites, the description does not exist. Version 7.0+

Key Phrase	*Form*	Return Type	Description
display name of <bes site>	*Plain*	<string>	Beginning with version 7.1, a custom site can specify a display name that's different from the site name in the masthead. This inspector returns the display name; for the masthead name, use name of <bes site>. Version 7.1+
domain of <bes site>	*Plain*	<bes domain>	A domain is attached to a BES site when one is created. This Inspector returns the domain associated with the specified site. Version 8.0+
domain set of <bes site>	*Plain*	<bes domain set>	Returns domains (as a set) related to the specified BES site. Version 8.0+
explicit owner of <bes site>	*Plain*	<bes user>	Returns a list of BES users that have been granted ownership of the specified site. Notice that the creator of this site is not included in the owner list. • Note: This is a Console-only Inspector. Version 7.1+
explicit owner set of <bes site>	*Plain*	<bes user set>	Returns the set of BES users who are owners (an iterated list) of the specified BES site. Version 7.1+
explicit reader of <bes site>	*Plain*	<bes user>	Returns a list of BES users that have been granted reading privileges on the specified site. Notice that the creator, owners (unless explicitly added) and writers of this site are not included in this reader list. • Note: This is a Console-only Inspector. Version 7.1+
explicit reader set of <bes site>	*Plain*	<bes user set>	Returns the set of BES users who have read rights (the iterated list) on the specified BES custom site. Version 7.1+
explicit writer of <bes site>	*Plain*	<bes user>	Returns a list of BES users that have been granted writing privileges on the specified site. Notice that the creator and owners (unless explicitly added) of this site are not included in this reader list. • Note: This is a Console-only Inspector. Version 7.1+
explicit writer set of <bes site>	*Plain*	<bes user set>	Returns the set of BES users who have write permissions (as an iterated list) on the specified BES site. Version 7.1+
external site flag of <bes site>	*Plain*	<boolean>	Returns TRUE if and only if the specified site is an external site. Version 7.0+
fixlet <integer> of <bes site>	*Numbered*	<bes fixlet>	Returns the Fixlet with the specified ID from the given BES site.

Key Phrase	*Form*	Return Type	Description
fixlet of <bes site>	*Plain*	<bes fixlet>	Returns a list all of the Fixlet objects in the given BES site.
fixlet set of <bes site>	*Plain*	<bes fixlet set>	Returns the set of Fixlets that are associated with the specified BES Site. Version 7.0+
globally readable flag of <bes site>	*Plain*	<boolean>	The value of the globally readable flag depends on the type of site: • External sites: True if and only if the site has been marked as readable by all users. • Master sites: True. • Operator sites: False. • Custom sites: True if and only if the site has been marked as readable by all users. Version 7.0+
id of <bes site>	*Plain*	<integer>	Returns the numeric ID unique to the specified BES site.
master site flag of <bes site>	*Plain*	<boolean>	Returns TRUE if and only if the specified site is a master site. Version 7.0+
name of <bes site>	*Plain*	<string>	Returns the name of the specified BES site (undecorated).
operator site flag of <bes site>	*Plain*	<boolean>	Returns TRUE if and only if the specified site is an operator site. Version 7.0+
owner flag <bes user> of <bes site>	*Index<bes user>*	<boolean>	This Inspector is deprecated as of Version 7.0. Instead use "exists owner of <bes site> whose (it = <bes user>)". Version 7.0+
owner of <bes site>	*Plain*	<bes user>	Returns a list of BES users that have been granted ownership of the specified site. Notice that the creator of this site is not included in the owner list. • Note: This is a Console-only Inspector. Version 7.0+
owner set of <bes site>	*Plain*	<bes user set>	Returns the set of BES users who are owners (an iterated list) of the specified BES site. Version 7.0+
reader of <bes site>	*Plain*	<bes user>	Returns a list of BES users that have been granted reading privileges on the specified site. Notice that the creator, owners (unless explicitly added) and writers of this site are not included in this reader list. • Note: This is a Console-only Inspector. Version 7.0+

Key Phrase	*Form*	Return Type	Description
reader set of <bes site>	*Plain*	<bes user set>	Returns the set of BES users who have read rights (the iterated list) on the specified BES custom site. Version 7.0+
set of <bes site>	*Plain*	<bes site set>	Returns a set generated from the iterated list of BES Sites. This can be subjected to arithmetic set operations such as union and intersection. Version 8.0+
subscribed <bes computer> of <bes site>	*Index<bes computer>*	<boolean>	Returns TRUE if the given computer is subscribed to the given BES site. Version 8.0+
subscribed computer of <bes site>	*Plain*	<bes computer>	Returns the list of computers that are subscribed to the specified BES site. Version 7.0+
subscribed computer set of <bes site>	*Plain*	<bes computer set>	Returns the list of computers that are subscribed to the specified BES site. The list is formatted as a mathematical set for easier manipulation. Version 7.0+
subscription mode of <bes site>	*Plain*	<string>	Returns the subscription mode for custom sites and external sites. The subscription mode is one of the following: • All: all computers are subscribed • None: no computers are subscribed • AdHoc: computers are subscribed via ad-hoc custom site subscription actions • Custom: computers are subscribed via a list of conditions. Version 8.0+
tag of <bes site>	*Plain*	<string>	The site tag is used as an identifier for sites and is used to build the site's URL. Version 8.0+
unique value of <bes site>	*Plain*	<bes site with multiplicity>	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <bes site> types. Version 8.0+
url of <bes site>	*Plain*	<string>	Returns the gather URL for a given BES site. For example, the gather URL for BES Support is http://sync.bigfix.com/cgi-bin/bfgather/bessupport. Version 8.0+
version of <bes site>	*Plain*	<integer>	Returns the version of an external site. Does not apply to custom sites. Version 8.0+
wizard of <bes site>	*Plain*	<bes wizard>	Returns the Wizards associated with the specified BES site. Version 8.0+

Key Phrase	*Form*	Return Type	Description
wizard set of <bes site>	*Plain*	<bes wizard set>	Returns the Wizards (as a set) associated with the specified BES site. Version 8.0+
writer of <bes site>	*Plain*	<bes user>	Returns a list of BES users that have been granted writing privileges on the specified site. Notice that the creator and owners (unless explicitly added) of this site are not included in this reader list. • Note: This is a Console-only Inspector. Version 7.0+
writer set of <bes site>	*Plain*	<bes user set>	Returns the set of BES users who have write permissions (as an iterated list) on the specified BES site. Version 7.0+

Operators

Key phrase	Return Type	Description
<bes site> = <bes site>	*<boolean>*	Returns TRUE if the two provided BES sites are equal. Version 8.0+

Examples

- `display name of bes site whose (name of it = "Enterprise Security")`
- Returns "Patches for Windows.".

BES Site Set

These Inspectors iterate over the BES sites and return a set of such sites.

Creation Methods

Key Phrase	*Form*	Description
custom site set of <bes domain>	*Plain*	Returns all the custom sites (as a set) that have been created in the specified BES domain. Version 8.0+
intersection of <bes site set>	*Plain*	Returns the intersection set derived from the specified set of BES Sites. Version 8.0+
set of <bes site>	*Plain*	Creates a set from an iterated list of BES Sites. This can be subjected to arithmetic set operations such as union and intersection. Version 8.0+

Key Phrase	*Form*	Description
subscribed site set of <bes computer>	*Plain*	Returns a list of the BES sites subscribed to by the specified BES computer, organized as a set. Version 8.0+
union of <bes site set>	*Plain*	Returns the union (as a set) derived from the specified set of BES Sites. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
element of <bes site set>	*Plain*	<bes site>	Returns the elements of the specified set of BES sites. Version 8.0+
intersection of <bes site set>	*Plain*	<bes site set>	Returns the intersection set derived from the specified set of BES Sites. Version 8.0+
size of <bes site set>	*Plain*	<integer>	Returns the number of unique BES Sites in the specified set. Version 8.0+
union of <bes site set>	*Plain*	<bes site set>	Returns the union (as a set) derived from the specified set of BES Sites. Version 8.0+

Operators

Key phrase	Return Type	Description
<bes site set> {op} <bes site set>	*<bes site set>*	Operates on two sets of BES sites, where {op} is one of: -, *, + or 'contains'. Minus subtracts the elements of one set from the other, multiply performs an intersection, plus performs a union and 'contains' find subsets. Version 8.0+
<bes site set> = <bes site set>	*<boolean>*	Returns TRUE if the two provided BES site sets are equal. Version 8.0+

BES Site with Multiplicity

These Inspectors deal with arrays of BES sites, allowing you to extract unique properties and count them.

Type Derivation: This object type is derived from the <bes site> type and therefore shares the same properties as that type.

Creation Methods

Key Phrase	*Form*	Description
unique value of <bes site>	*Plain*	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <bes site> types. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
multiplicity of <bes site with multiplicity>	*Plain*	<integer>	This unique values inspector returns the number of times each object occurrs in the original set of objects. Version 8.0+

Fixlet Objects

These Inspectors return information about individual Fixlets.

BES Fixlet Field

In addition to the Relevance and Action fields, Fixlet messages and Tasks can contain various additional fields. If the content is developed in BDE, these fields may be specified by the Fixlet templates you use. Depending on the site or the template, fields may have different interpretations.

Creation Methods

Key Phrase	*Form*	Description
field <string> of <bes fixlet>	*Named*	Returns the named field of the specified BES Fixlet. Version 8.0+
field of <bes fixlet>	*Plain*	Returns the list of fields associated with the specified BES Fixlet. Version 8.0+

NOTE:

Field names and their meanings are variable and context-specific. Nevertheless, there is a basic set of field names shared by a large corpus of Fixlet Messages.

Field Name	Field Value	BDE
Behavior	Originally intended to track the behavior of the update (silent, automatic, etc.), this field is now obsolete.	
Category	This field has site-dependent meaning, but it is used by the Console for searching and sorting, so spelling and capitalizing must be consistent.	*
Download Size	This represents the total number of bytes downloaded in the action, which should match the 'continue if' size check. It is zero if there are no downloads.	*
FileSize	A human-readable version of the download size, typically 3 digits, such as '716 KB' or '6.55 MB'.	
MIME_X-Fixlet-CVE	Security field used in certain templates. The field values may differ by site.	*
MIME_X-Fixlet-SANS	Security field used in certain templates. The field values may differ by site.	*
Source	This field has site-dependent meaning, but it is used by the Console for searching and sorting, so spelling and capitalizing must be consistent.	*
Source ID	These field values may differ by site.	
Source Release Date	The normal format of this field is DD MMM YYYY. Invalid formats may cause issues with the BES Console.	*
Source Severity	This field has site-dependent meaning, but it is used by the Console for searching and sorting, so spelling and capitalizing must be consistent.	*
Note(s)	This field is used by the content author or tester to record information for future reference.	
Tests	This field is used to track which images the Fixlet message or Task has been tested on. At minimum this should include the image/ghost machine name, the base OS and service pack level, the date the test was completed, and the tester name, including any other relevant information such as application versions, additional software installed, observed anomolies, etc.	
* These fields are propagated by BDE		

Properties

Key Phrase	*Form*	Return Type	Description
name of <bes fixlet field>	*Plain*	<string>	Returns the name(s) of the specified BES Fixlet field(s). Version 8.0+
value of <bes fixlet field>	*Plain*	<bes fixlet field value>	Returns the value(s) of the specified BES Fixlet field(s). Version 8.0+

BES Fixlet Field Value

These Inspectors provide access to the values of informational fields that are included with some Fixlet messages and Tasks. For more Information, see the BES Fixlet field Inspectors.

Creation Methods

Key Phrase	*Form*	Description
value of <bes fixlet field>	*Plain*	Returns the natively formated value of the specified BES Fixlet field. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
<bes fixlet field value> as date	*Cast*	<date>	Returns the value of the specified BES Fixlet field cast as a date type. Version 8.0+
<bes fixlet field value> as integer	*Cast*	<integer>	Returns the value of the specified BES Fixlet field cast as an integer type. Version 8.0+
<bes fixlet field value> as string	*Cast*	<string>	Returns the value of the specified BES Fixlet field cast as a string type. Version 8.0+
<bes fixlet field value> as time	*Cast*	<time>	Returns the value of the specified BES Fixlet field cast as a time type. Version 8.0+
display value of <bes fixlet field value>	*Plain*	<string>	Returns the value of a BES Fixlet field as a human-readable string. Version 8.0+

Mime Field

These Inspectors deal with the MIME fields that constitute a Fixlet file. These fields typically start with 'x-fixlet'. For instance, to return the value of a specific MIME field, you might use:

- mime fields "x-fixlet-cve" of bes fixlets
-

Creation Methods

Key Phrase	*Form*	Description
mime field of <bes fixlet>	*Plain*	Returns all the MIME fields for the specified Fixlet. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
name of <mime field>	*Plain*	<string>	Returns the names of the specified MIME fields. Fixlet files are in MIME format which may have several fields composed of name/value pairs. Version 8.0+
value of <mime field>	*Plain*	<string>	Returns the values of the specified MIME fields. Fixlet files are in MIME format which may have several iterated fields composed of name/value pairs. Version 8.0+

Session Objects

These Inspectors retrieve information about properties of the BES Client computers. They allow you to access information in the BES databases and display it in the Console and the Web Reports program. As well as current statistics, the BES database also maintains historical statistics that can be used to create long-term reports.

BES Action

These Inspectors are used to access information about the actions which have been issued by the BES Operators. You can iterate over the actions to create lists. Each action may have several properties that can be examined.

Creation Methods

Key Phrase	*Form*	Description
action of <bes action result>	*Plain*	Returns the action corresponding to the action result.
action of <bes domain>	*Plain*	Returns all the Actions that have been created in the specified BES Domain. Version 8.0+
bes action	*PlainGlobal*	Returns all actions, except those that are normally hidden in the console, such as subscription actions, management rights actions, and others.
element of <bes action set>	*Plain*	Returns the unique elements of the specified <bes action set>, removing duplicates and sorting by value. Version 7.0+
hidden bes action	*PlainGlobal*	Returns all actions that are normally hidden by the console, such as subscription actions, management rights actions, and others.
issued action of <bes user>	*Plain*	Returns all actions, including hidden actions, issued by the specified user. Version 7.0+
member action of <bes action>	*Plain*	Returns the individual member actions for the specified multiple action group parent, <bes action>. Version 7.0+
middle action of <bes action>	*Plain*	For a start action this iterates over the list of <action> objects that make up the group.
parent group of <bes action>	*Plain*	Returns the parent group action for the specified group action member. Version 7.0+
taken action of <bes fixlet>	*Plain*	This Inspector Iterates over the Actions sourced from the given fixlet. Version 8.0+

Key Phrase	*Form*	Description
top level bes action	*PlainGlobal*	Returns all top-level actions. Does not include actions that are normally hidden or sub-actions of a multiple action group.

Properties

Key Phrase	*Form*	Return Type	Description
<bes action> as xml	*Cast*	<utf8 string>	Converts the specified BES Action to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+
action script of <bes action>	*Plain*	<string>	Returns the script behind the specified action as a string.
action script type of <bes action>	*Plain*	<string>	Returns the MIME type of the specified action as a string.
applicability relevance of <bes action>	*Plain*	<string>	Returns the relevance statement as a string. This string is included in the targeting relevance expression but is maintained separately because it comes from the relevance of the original analysis fixlet.
comment of <bes action>	*Plain*	<bes comment>	Returns the comments assigned to the specified BES Action. Version 7.0+
computer group flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the specified action is a computer group action.
constrain by property name of <bes action>	*Plain*	<string>	Returns the 'constrain by property name' setting, one of the property constraints of the action.
constrain by property relation of <bes action>	*Plain*	<string>	Returns the 'constrain by property relation' setting, one of the property constraints of the action.
constrain by property value of <bes action>	*Plain*	<string>	Returns the 'constrain by property value' setting, one of the property constraints of the action.
continue on errors flag of <bes action>	*Plain*	<boolean>	For a multiple action group, there is a checkbox in the Take Action > Execution tab that controls whether the Action group should fail as soon as any member Actions fail, or continue to run the subsequent Actions in the group. This Inspector returns TRUE if the flag is set to continue. Version 8.0+
custom success relevance of <bes action>	*Plain*	<string>	Returns the custom relevance expression for this action, if it exists.

Key Phrase	*Form*	Return Type	Description
database id of <bes action>	*Plain*	<integer>	In the Web Reports environment, this Inspector returns the numeric ID of the database in which this BES Action resides.
database name of <bes action>	*Plain*	<string>	In a Web Reports context, this Inspector returns the name (as a string) of the database containing the specified BES Action.
domain of <bes action>	*Plain*	<bes domain>	A domain is attached to an Action when it is created. This Inspector returns the domain associated with the specified BES Action. Version 8.0+
end date of <bes action>	*Plain*	<date>	Returns the ending <date> for the specified action. Along with the start date, this defines the allowed time range for execution of the action.
end flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the specified action is an end action.
end time_of_day of <bes action>	*Plain*	<time of day>	Returns the ending <time of day> for the specified action. Along with the start time of day, this defines the allowed time range for execution of the action.
expiration time of <bes action>	*Plain*	<time>	This Inspector was deprecated after version 5.0 and now only returns FALSE. For a workaround, see the 'end date' and 'end time_of_day' properties.
group member flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the specified action is a group member action.
hidden flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the specified action is a hiding action.
id of <bes action>	*Plain*	<integer>	Returns the numeric ID number of the specified BES Action.
issuer of <bes action>	*Plain*	<bes user>	Returns the BES user object corresponding to the issuer of the specified action.
link <html> of <bes action>	*Index<html>*	<html>	Returns an HTML string containing an <A> tag including the supplied HTML description that, when clicked, will open the given action's document (in the BES Console) or description page (in Web Reports).
link <string> of <bes action>	*Named*	<html>	Returns an HTML string containing an <A> tag including the supplied descriptive string that, when clicked, will open the given action's document (in the BES Console) or description page (in Web Reports).

Key Phrase	*Form*	Return Type	Description
link href of <bes action>	*Plain*	<string>	Returns a <string> that can be embedded into an <A> tag that, when clicked, will open the given action's document (in the BES Console) or description page (in Web Reports). Note that link href returns a normal string, not an HTML string.
link of <bes action>	*Plain*	<html>	Returns an HTML string containing an <A> tag that, when clicked, will open the given action's document (in the BES Console) or description page (in Web Reports).
management rights flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the specified action is a management rights action.
member action of <bes action>	*Plain*	<bes action>	Returns the individual member actions for the specified multiple action group parent, <bes action>. Version 7.0+
member action set of <bes action>	*Plain*	<bes action set>	Returns the individual member actions for the specified multiple action group parent, <bes action>. Version 7.0+
message action button flag of <bes action>	*Plain*	<boolean>	Returns the value of the message action button flag, one of the settings that control the pre-action user interface.
message allow cancel flag of <bes action>	*Plain*	<boolean>	Returns the value of the message allow cancel flag, one of the settings that control the pre-action user interface.
message postpone delay of <bes action>	*Plain*	<time interval>	Returns the value of the message postpone delay flag, one of the settings that control the pre-action user interface.
message text of <bes action>	*Plain*	<string>	Returns the value of the message text flag, one of the settings that control the pre-action user interface.
message timeout delay of <bes action>	*Plain*	<time interval>	Returns the timeout delay assigned to the action message: 'Automatically close message box and run action after…'. The time can vary from 1 minute to 30 days.
message title of <bes action>	*Plain*	<string>	Returns the value of the message title flag, one of the settings that control the pre-action user interface.
middle action of <bes action>	*Plain*	<bes action>	For a start action this iterates over the list of <action> objects that make up the group.
multiple flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the specified action is a multiple action (see single flag of <bes action>).

Key Phrase	*Form*	Return Type	Description
name of <bes action>	*Plain*	<string>	Returns the name of the specified BES action.
offer category of <bes action>	*Plain*	<string>	Returns the user-defined offer category of the specified bes action. Version 7.2+
offer description html of <bes action>	*Plain*	<html>	Returns the offer description of the specified bes action as an html string. This description is what appears to the client when the action executes. Version 7.2+
offer flag of <bes action>	*Plain*	<boolean>	Returns the offer flag of the specified bes action as a boolean TRUE/FALSE. TRUE indicates that the action has an attached offer to present to the client. Version 7.2+
operator site flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the action is propagated from a non-master operator's site.
parameter <string> of <bes action>	*Named*	<string>	Some Fixlets allow the Console Operator to customize the Action. When they are triggered, the BES Console displays a dialog prompting the user for certain Action parameters. For a given Action, this Inspector returns value of the parameter specified by <string>. Version 7.0+
parameter of <bes action>	*Plain*	<bes action parameter>	Returns the parameter(s) for the specified BES Action. An action parameter has two inspectable properties: a name and a value. Parameters are embedded in Actions to allow the Console user to supply a custom value. Version 7.0+
parent group of <bes action>	*Plain*	<bes action>	Returns the parent group action for the specified group action member. Version 7.0+
postaction allow cancel flag of <bes action>	*Plain*	<boolean>	Returns the value of the allow cancel flag, one of the settings that control the post-action user interface.
postaction force delay of <bes action>	*Plain*	<time interval>	Returns the value of the force delay flag, one of the settings that control the post-action user interface.
postaction message text of <bes action>	*Plain*	<string>	Returns the value of the message text flag, one of the settings that control the post-action user interface.
postaction message title of <bes action>	*Plain*	<string>	Returns the value of the message title flag, one of the settings that control the post-action user interface.

Key Phrase	*Form*	Return Type	Description
postaction postpone delay of <bes action>	*Plain*	<time interval>	Returns the value of the postpone delay flag, one of the settings that control the post-action user interface.
precache flag of <bes action>	*Plain*	<boolean>	In the Take Action> Execution tab, there is an option that allows the client to start Action downloads before all the constraints are met. This Inspector returns TRUE if that option is selected. Version 8.0+
reapplication interval of <bes action>	*Plain*	<time interval>	Returns the time period specified between applications of the given BES Action. Version 7.0+
reapplication limit of <bes action>	*Plain*	<integer>	Returns the maximum number of times the action will be reapplied. If the action is not set to be reapplied, then this will return a "non-existent" error.
reapply flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the reapply flag was set for the specified BES Action. Version 7.0+
reported computer set of <bes action>	*Plain*	<bes computer set>	Returns a list of all the computers that have reported for the specified BES Action. The list is formatted as a mathematical set. Version 7.0+
require user absence of <bes action>	*Plain*	<boolean>	Returns TRUE if the action requires that the user be absent to execute the specified action.
require user presence of <bes action>	*Plain*	<boolean>	Returns TRUE if the action requires that the user be present to execute the specified action.
restart flag of <bes action>	*Plain*	<boolean>	Returns the value of the reset flag, one of the settings that control the post-action user interface.
result from <bes computer> of <bes action>	*Index<bes computer>*	<bes action result>	Returns a bes action result object for the given computer and action. This command is a variant of other result Inspectors, such as result <(bes action, bes computer)>.
result of <bes action>	*Plain*	<bes action result>	Returns a bes action result object for each computer which has reported on the specified action.
retry delay of <bes action>	*Plain*	<time interval>	Returns the <time interval> object that represents the amount of time to wait before retrying after a failure. If the action is not set to delay for a time interval before retrying then this will return a "non-existent" error.
retry limit of <bes action>	*Plain*	<integer>	Returns the maximum number of times the action will be retried after failure. If the action is not set to be retried, then this will return a "non-existent" error.

Key Phrase	*Form*	Return Type	Description
retry wait for reboot flag of <bes action>	*Plain*	<boolean>	Returns the waiting period after completion of the specified action before the computer will be restarted (from 15 minutes to 30 days). Version 7.0+
running message text of <bes action>	*Plain*	<string>	Returns the value of the running message text, one of the user interfaces that is displayed while the action is running.
running message title of <bes action>	*Plain*	<string>	Returns the value of the running message title, one of the user interfaces that is displayed while the action is running.
selected groups string of <bes action>	*Plain*	<string>	If the specified action is targeted by property, then this returns a string that contains a tree representation of the items that were selected.
set of <bes action>	*Plain*	<bes action set>	Converts the specified BES Action list to a set that can be arithmetically manipulated. Version 7.0+
settings flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the specified action is a settings action.
show message flag of <bes action>	*Plain*	<boolean>	Returns the value of the message flag, one of the settings that control the pre-action user interface.
show running message flag of <bes action>	*Plain*	<boolean>	Returns the value of the running message flag, one of the user interfaces that is displayed while the action is running.
shutdown flag of <bes action>	*Plain*	<boolean>	Returns the value of the shutdown flag, one of the settings that control the post-action user interface.
single flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the specified action is a single action (see multiple flag of <bes action>).
source fixlet of <bes action>	*Plain*	<bes fixlet>	Returns the <bes fixlet> object that was the source of the specified action.
source relevance of <bes action>	*Plain*	<string>	Returns the original relevance expression for this action.
start date of <bes action>	*Plain*	<date>	Returns the starting <date> for the specified action. Along with the end date, this defines the allowed time range for execution of the action.
start flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the specified action is a start action.
start time_of_day of <bes action>	*Plain*	<time of day>	Returns the starting <time of day> for the specified action. Along with the end time of day, this defines the allowed time range for execution of the action.

Key Phrase	*Form*	Return Type	Description
state of <bes action>	*Plain*	<string>	Returns the current state of the specified action as a string. It should be one of the following: • Open • Stopped • Expired.
stopper of <bes action>	*Plain*	<bes user>	If the specified action has been stopped, this Inspector returns the user who stopped it. Version 7.0+
subscription flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the specified action is a subscription action.
success on custom relevance of <bes action>	*Plain*	<boolean>	Returns TRUE if the success of the action is determined by the custom relevance becoming false (no longer relevant).
success on original relevance of <bes action>	*Plain*	<boolean>	Returns TRUE if the success of the action is determined by the original relevance becoming false (no longer relevant).
success on run to completion of <bes action>	*Plain*	<boolean>	Returns TRUE if the success of the action is determined by the completion of all lines of the action script.
targeted by id flag of <bes action>	*Plain*	<boolean>	Returns a boolean TRUE if the specified action is targeted by an ID Flag.
targeted by list flag of <bes action>	*Plain*	<boolean>	Returns a boolean TRUE if the specified action is targeted by a List Flag.
targeted by property flag of <bes action>	*Plain*	<boolean>	Returns a boolean TRUE if the specified action is targeted by a Property Flag.
targeted computer of <bes action>	*Plain*	<bes computer>	If the specified action is targeted by ID, then this Inspector returns an iterated list of the targeted BES computer objects.
targeted computer set of <bes action>	*Plain*	<bes computer set>	Returns the list (formatted as a set) of targeted computers associated with the specified BES Action. Version 7.0+
targeted list of <bes action>	*Plain*	<string>	If the specified action is targeted by list, then this returns the relevant BES computer names, concatenated into a single string.
targeted name of <bes action>	*Plain*	<string>	If the specified action is targeted by list, then this returns the relevant BES computer names as an iterated list with one string for each name.

Key Phrase	*Form*	Return Type	Description
targeting method of <bes action>	*Plain*	<string>	Returns one of the strings "By Property", "By Computer ID", "By List", or "Untargeted".
targeting relevance of <bes action>	*Plain*	<string>	Returns the relevance string that is being used to target the action.
temporal distribution of <bes action>	*Plain*	<time interval>	Returns the <time interval> over which the execution (and file downloads) of this action will be distributed.
time issued of <bes action>	*Plain*	<time>	Returns the time when the action was issued.
time range end of <bes action>	*Plain*	<time of day>	Returns the ending <time of day> for the specified action. Along with the starting time of day, this defines the allowed time range for execution of the action.
time range start of <bes action>	*Plain*	<time of day>	Returns the starting <time of day> for the specified action. Along with the ending time of day, this defines the allowed time range for execution of the action.
time stopped of <bes action>	*Plain*	<time>	If the specified action has been stopped, this Inspector returns the time it was stopped. Version 7.0+
top level flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the Action is a single Action or the group Action for a multiple Action group. Member Actions of multiple Action groups are not top level Actions. Version 8.0+
unique value of <bes action>	*Plain*	<bes action with multiplicity>	Returns the unique values of a given list of <bes action> types, removing duplicates and sorting by value. Version 7.1+
untargeted flag of <bes action>	*Plain*	<boolean>	Returns a boolean TRUE if the specified action is untargeted.
urgent flag of <bes action>	*Plain*	<boolean>	Returns TRUE if the specified action is marked urgent, which means that it will be executed by the client before all non-urgent actions.
utc time flag of <bes action>	*Plain*	<boolean>	The Take Action > Execution tab provides an option to specify the time constraints for the Action as UTC instead of as Client local time. This Inspector returns TRUE if that flag is set for the given Action. Version 8.0+

Operators

Key phrase	Return Type	Description
<bes action> = <bes action>	*<boolean>*	Compares two BES Actions and returns TRUE if they are equal. Version 7.1+

Examples

- `names of hidden bes actions`

  Returns the list of currently hidden BES Actions.

- `links (h1 of name of it) of bes actions`

  Creates clickable links listing all the current BES Actions, displaying the Action names in headline format.

- `links (name of it & "(" & id of it as string & ")") of bes actions`

  Creates clickable links listing all the current BES Actions, formated as name and ID.

- `(br & html "Click <A href='" & link href of it & html "'>here</A> to open action " & id of it as string) of bes actions`

  Creates clickable links listing all the current BES Actions, formated with a descriptive prompt and an embedded link, such as:

  • Click here to open action 123456.

- `links of bes actions`

  Returns a set of <A> tags enclosing all the BES Actions in html format, creating a series of clickable Action links.

- `parameter "action issue date" of action`

  This Inspector returns the date the action was issued, a parameter added to each action by the BigFix Console.

- `detailed status of result from (bes computer whose (id of it is 1234567)) of (bes action whose (id of it is 1234))`

  Returns the detailed status of the specified action on the given computer.

- `detailed statuses of results of (bes action whose (id of it is 1234))`

  Returns a detailed status list containing the results of bes actions with the specified id.

- `size of (set of bes actions)`

  Returns the current number of BES Actions.

BES Action Set

These Inspectors return the iterated list of BES Actions, converted into a set to make it easy to do set arithmetic with the list.

Creation Methods

Key Phrase	*Form*	Description
action set of <bes domain>	*Plain*	Returns all the Actions (as a set) that have been created in the specified BES Domain. Version 8.0+
action set of <bes filter>	*Plain*	Returns a filtered set of Actions. Given an Action filter that specifies "Name contains 'Custom Action'", this Inspector returns the set of BES Actions with 'Custom Action' in the name. Version 7.0+
bes action set	*PlainGlobal*	An iteration over the BES Actions represented as a mathematical set. Version 7.0+
hidden bes action set	*PlainGlobal*	Retrieves the set (iterated list) of hidden BES Actions. Version 7.0+
intersection of <bes action set>	*Plain*	Returns the intersection of multiple BES Action sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
issued action set of <bes user>	*Plain*	Returns all actions, including hidden actions, issued by the specified user. This list is formatted as a mathematical set. Version 7.0+
member action set of <bes action>	*Plain*	Returns the individual member actions for the specified multiple action group parent, <bes action>. Version 7.0+
reported action set of <bes computer>	*Plain*	Returns a list of all the reported Actions for the specified computer. These may be Actions that are running, fixed, failed, and others. The list is formatted as a mathematical set. Version 7.0+
set of <bes action>	*Plain*	Creates a set from an iterated list of BES Actions. This can be subjected to arithmetic set operations such as union and intersection. Version 7.0+
taken action set of <bes fixlet>	*Plain*	This Inspector Iterates over the Actions sourced from the given fixlet and returns a set of Actions. Version 8.0+

Key Phrase	*Form*	Description
top level bes action set	*PlainGlobal*	Returns all top level actions as a mathematical set. Does not include actions that are normally hidden, and sub-actions of a multiple action group. Version 7.0+
union of <bes action set>	*Plain*	Returns the union of multiple BES User sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
<bes action set> as xml	*Cast*	<utf8 string>	Casts a BES Action set as an XML document, for submission to to the ImportXML API in the Console. It can only be used in the Console using the EvaluateRelevance API, not the <?relevance ?> interface. Version 7.0+
element of <bes action set>	*Plain*	<bes action>	Returns the unique elements of the specified <bes action set>, removing duplicates and sorting by value. Version 7.0+
intersection of <bes action set>	*Plain*	<bes action set>	Returns the intersection of multiple BES Action sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
size of <bes action set>	*Plain*	<integer>	Returns the number of unique elements in the specified BES Action set. Version 7.0+
union of <bes action set>	*Plain*	<bes action set>	Returns the union of multiple BES User sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+

Operators

Key phrase	Return Type	Description
<bes action set> {op} <bes action set>	*<bes action set>*	Operates on two sets of BES Actions, where {op} is one of: -, *, + or 'contains'. Minus subtracts the elements of one set from the other, multiply performs an intersection, plus performs a union and 'contains' find subsets. Version 7.0+

Key phrase	Return Type	Description
<bes action set> = <bes action set>	*<boolean>*	Returns TRUE if the two bes action sets are equivalent. Version 7.0+

Examples

- `names of elements of (set of bes actions)`
  - Returns a list of names of each of the current BES Actions.

- `names of elements of bes action set`
  - Returns the names of all the BES Actions.

BES Action with Multiplicity

These Inspectors deal with arrays of BES actions, allowing you to extract unique actions and count them.

Type Derivation: This object type is derived from the <bes action> type and therefore shares the same properties as that type.

Creation Methods

Key Phrase	*Form*	Description
unique value of <bes action>	*Plain*	Returns the unique values of a given list of <bes action> types, removing duplicates and sorting by value. Version 7.1+

Properties

Key Phrase	*Form*	Return Type	Description
multiplicity of <bes action with multiplicity>	*Plain*	<integer>	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <bes action> types. Version 7.1+

BES Action Status

These Inspectors return information about the status of BES actions, such as whether it is running, evaluating, expired, and more.

Creation Methods

Key Phrase	*Form*	Description
bes action status constrained	*PlainGlobal*	Returns the BES action status corresponding to constraints. This result can be cast to a <string> format to give the text as shown in the console.
bes action status download failed	*PlainGlobal*	Returns the BES action status corresponding to failed downloads. This result can be cast to a <string> format to give the text as shown in the console.
bes action status error	*PlainGlobal*	Returns the BES action status corresponding to errors. This result can be cast to a <string> format to give the text as shown in the console.
bes action status evaluating	*PlainGlobal*	Returns the BES action status corresponding to evaluation. This result can be cast to a <string> format to give the text as shown in the console.
bes action status expired	*PlainGlobal*	Returns the BES action status corresponding to expiration. This result can be cast to a <string> format to give the text as shown in the console.
bes action status failed	*PlainGlobal*	Returns the BES action status corresponding to failure. This result can be cast to a <string> format to give the text as shown in the console.
bes action status fixed	*PlainGlobal*	Returns the BES action status corresponding to successful fixes. This result can be cast to a <string> format to give the text as shown in the console.
bes action status invalid signature	*PlainGlobal*	Returns the BES action status corresponding to invalid signatures. This result can be cast to a <string> format to give the text as shown in the console.
bes action status irrelevant	*PlainGlobal*	Returns the BES action status corresponding to irrelevance This result can be cast to a <string> format to give the text as shown in the console.
bes action status locked	*PlainGlobal*	Returns the BES action status corresponding to locking. This result can be cast to a <string> format to give the text as shown in the console.
bes action status offers disabled	*PlainGlobal*	Returns the BES action status corresponding to disabled offers. This result can be cast to a <string> format to give the text as shown in the console. Version 7.0+
bes action status pending downloads	*PlainGlobal*	Returns the BES action status corresponding to pending downloads. This result can be cast to a <string> format to give the text as shown in the console.

Key Phrase	*Form*	Description
bes action status pending login	*PlainGlobal*	Returns the BES action status corresponding to pending logins. This result can be cast to a <string> format to give the text as shown in the console.
bes action status pending message	*PlainGlobal*	Returns the BES action status corresponding to pending messages. This result can be cast to a <string> format to give the text as shown in the console.
bes action status pending offer	*PlainGlobal*	Returns the BES action status corresponding to pending offers. This result can be cast to a <string> format to give the text as shown in the console. Version 7.0+
bes action status pending restart	*PlainGlobal*	Returns the BES action status corresponding to pending restarts. This result can be cast to a <string> format to give the text as shown in the console.
bes action status postponed	*PlainGlobal*	Returns the BES action status corresponding to postponements. This result can be cast to a <string> format to give the text as shown in the console.
bes action status running	*PlainGlobal*	Returns the BES action status corresponding to whether or not it is running. This result can be cast to a <string> format to give the text as shown in the console.
bes action status unreported	*PlainGlobal*	Returns a constant representing an action status of 'not reported'.
bes action status user cancelled	*PlainGlobal*	Returns the BES action status corresponding to user cancelation. This result can be cast to a <string> format to give the text as shown in the console.
bes action status waiting	*PlainGlobal*	Returns the BES action status corresponding to waiting. This result can be cast to a <string> format to give the text as shown in the console.
status of <bes action result>	*Plain*	Returns the <bes action state> object corresponding to the specified action result on the client computer.

Properties

Key Phrase	*Form*	Return Type	Description
<bes action status> as string	*Cast*	<string>	Casts an action status as a string.

NOTE:

The status returned from a BES Action can be cast into a string format to give the text shown in the console. This can be compared for equality using the following constants:

- bes action status fixed
- bes action status running
- bes action status evaluating
- bes action status failed
- bes action status user cancelled
- bes action status download failed
- bes action status locked
- bes action status waiting
- bes action status pending downloads
- bes action status pending restart
- bes action status pending message
- bes action status pending login
- bes action status constrained
- bes action status expired
- bes action status postponed
- bes action status invalid signature
- bes action status error
- bes action status not relevant
- bes action status not reported

Operators

Key phrase	Return Type	Description
<bes action status> = <bes action status>	*<boolean>*	Compares two action status objects, and returns a boolean TRUE or FALSE.

BES Action Parameter

A Fixlet can incorporate parameters in its associated Action(s). When the Fixlet becomes relevant to the network, the BES Console will prompt the user for the value of the parameter. For example, a Fixlet Action might need to start a Windows service specified by the Console user. When the the Action is taken, the Console would prompt for the name of the service. That value would then be passed down to the BES Client and substituted into the local Action script upon execution.

Creation Methods

Key Phrase	*Form*	Description
parameter of <bes action>	*Plain*	Returns the parameter(s) for the specified BES Action. An action parameter has two inspectable properties: a name and a value. Parameters are embedded in Actions to allow the Console user to supply a custom value. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
name of <bes action parameter>	*Plain*	<string>	Returns the name of the specified Action parameter. Version 7.0+
value of <bes action parameter>	*Plain*	<string>	Returns the value associated with the specified Action parameter. Version 7.0+

Examples

- `names of parameters of bes action whose (name of it contains "Download")`
- Returns the parameter names of bes actions with "Download" in the name.

BES Action Result

These Inspectors examine the results of BES Actions, which can be used to make reports.

Creation Methods

Key Phrase	*Form*	Description
action result of <bes computer>	*Plain*	Returns the results of BES actions that have occurred on the specified computer.
result <(bes action, bes computer)>	*Index<(bes action, bes computer)>Global*	Returns a bes action result object for the given computer and action. This command is a variant of other result Inspectors, such as result from <bes action> of <bes computer>.
result <(bes computer, bes action)>	*Index<(bes computer, bes action)>Global*	Returns a bes action result object for the given computer and action. This command is a variant of other result Inspectors, such as result from <bes action> of <bes computer>.
result from <bes action> of <bes computer>	*Index<bes action>*	Returns a bes action result object for the given computer and action. This command is a variant of other result Inspectors, such as result <(bes action, bes computer)>.
result from <bes computer> of <bes action>	*Index<bes computer>*	Returns a bes action result object for the given computer and action. This command is a variant of other result Inspectors, such as result <(bes action, bes computer)>.
result of <bes action>	*Plain*	Returns a bes action result object for each computer which has reported on the specified action.

Properties

Key Phrase	*Form*	Return Type	Description
action of <bes action result>	*Plain*	<bes action>	Returns the action corresponding to the specified action result.
apply count of <bes action result>	*Plain*	<integer>	Returns the number of times (as an integer) that the specified BES action result has been initiated on the client.
computer of <bes action result>	*Plain*	<bes computer>	Returns the computer(s) that the specified action result applies to.
detailed status of <bes action result>	*Plain*	<string>	Returns a string describing the detailed status of the specified action result on this computer.
line number of <bes action result>	*Plain*	<integer>	Returns the current line number of the action script that is being executed on the client computer.
retry count of <bes action result>	*Plain*	<integer>	Returns the number of times (as an integer) that the specified BES action result has been retried on the client.
status of <bes action result>	*Plain*	<bes action status>	Returns the <bes action state> object corresponding to the specified action result on the client computer.

Examples

- `detailed status of result from (bes computer whose (id of it is 1234567)) of (bes action whose (id of it is 1234))`

  Returns the detailed status of the specified action on the given computer.

- `detailed statuses of results of (bes action whose (id of it is 34))`

  Returns the detailed result status of the specified BES Action.

Utf8 String

UTF-8 (8-bit Unicode Transformation Format) is a variable-length character encoding format. It can represent all the characters in the Unicode standard, but it remains backward-compatible with ASCII. These Inspectors are specifically designed for the EvaluateRelevance API as used by BES Wizards.

Creation Methods

Key Phrase	*Form*	Description
<bes action set> as xml	*Cast*	Casts a BES Action set as an XML document, for submission to to the ImportXML API in the Console. It can only be used in the Console using the EvaluateRelevance API, not the <?relevance ?> interface. Version 7.0+
<bes action> as xml	*Cast*	Converts the specified BES Action to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+
<bes computer group set> as xml	*Cast*	Converts the specified set of BES computer groups to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+
<bes computer group> as xml	*Cast*	Converts the specified BES computer group to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+
<bes fixlet set> as xml	*Cast*	Converts the specified set of BES Fixlets to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+
<bes fixlet> as xml	*Cast*	Converts the specified BES Fixlet to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+
<bes property set> as xml	*Cast*	Converts the specified set of BES Properties to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+
<bes property> as xml	*Cast*	Converts the specified BES Property to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+

BES Computer

These Inspectors return lists of the computers currently visible through the BES Console.

Creation Methods

Key Phrase	*Form*	Description
administered computer of <bes user>	*Plain*	Returns the computer(s) currently administered by the specified BES User. Version 7.0+
applicable computer of <bes fixlet>	*Plain*	Returns a list of all of the <bes computer> objects reporting that the specified Fixlet message is relevant.
bes computer	*PlainGlobal*	Returns a list of all the BES computers visible to the current console user.
computer of <bes action result>	*Plain*	Returns the computer(s) that the specified action result applies to.
computer of <bes fixlet result>	*Plain*	Returns the BES computer associated with the specified Fixlet result.
computer of <bes property result>	*Plain*	Returns the computer corresponding to the specified BES property result.
current computer	*PlainGlobal*	This Inspector returns the computer that is currently selected by a right-click in the BES Console. This Inspector is designed to assist you in the creation of extended Context menu applications.
element of <bes computer set>	*Plain*	Returns the unique elements of the specified <bes computer set>, removing duplicates and sorting by value. Version 7.0+
member of <bes computer group>	*Plain*	Returns the set of computers that comprise the specified BES Computer Group. Version 7.0+
subscribed computer of <bes site>	*Plain*	Returns the list of computers that are subscribed to the specified BES site. Version 7.0+
targeted computer of <bes action>	*Plain*	If the specified action is targeted by ID, then this Inspector returns an iterated list of the targeted BES computer objects.

Properties

Key Phrase	*Form*	Return Type	Description
action result of <bes computer>	*Plain*	<bes action result>	Returns the results of BES actions that have occurred on the specified computer.

Key Phrase	*Form*	Return Type	Description
active directory path of <bes computer>	*Plain*	<distinguished name>	Returns the result of the 'Active Directory Path' property of the specified computer. Version 7.0+
administrator <bes user> of <bes computer>	*Index<bes user>*	<boolean>	Returns TRUE if the specified user is an administrator of the given computers. Version 7.0+
administrator of <bes computer>	*Plain*	<bes user>	Iterates over the users who have administrative rights on this computer. Version 7.0+
administrator set of <bes computer>	*Plain*	<bes user set>	Returns the set of users who have administrative rights on this computer. Version 7.0+
client setting of <bes computer>	*Plain*	<bes client setting>	Returns the client setting(s) for the specified computer. Version 7.0+
comment of <bes computer>	*Plain*	<bes comment>	Returns the comments assigned to the specified BES Computer. Version 7.0+
cpu of <bes computer>	*Plain*	<string>	Returns the result of the 'CPU' Property for the specified computer. Version 7.0+
database id of <bes computer>	*Plain*	<integer>	In the Web Reports environment, this Inspector returns the numeric ID of the database in which this BES computer resides.
database name of <bes computer>	*Plain*	<string>	In a Web Reports context, this Inspector returns the name (as a string) of the database containing the specified BES computer.
hostname of <bes computer>	*Plain*	<string>	Returns the result of the 'DNS Name' Property for the specified computer. Version 7.0+
id of <bes computer>	*Plain*	<integer>	Returns the numeric ID unique to the specified BES computer.
ip address of <bes computer>	*Plain*	<ipv4or6 address>	Returns the result of the 'IP Address' property of the specified computer as an ipv4or6 address type. Version 7.0+
last report time of <bes computer>	*Plain*	<time>	Returns the time of the last report submitted by the specified BES computer.
license type of <bes computer>	*Plain*	<string>	Returns the license type of the specified BES Client. This is a result of a reserved property that assigns computers to a license type such as workstation, windows server, or non-windows server. Version 8.0+

Key Phrase	*Form*	Return Type	Description
link <html> of <bes computer>	*Index<html>*	<html>	Returns an HTML string containing an <A> tag including the supplied HTML description that, when clicked, will open the given computer's document (in the BES Console) or its description page (in Web Reports).
link <string> of <bes computer>	*Named*	<html>	Returns an HTML string containing an <A> tag including the supplied descriptive string that, when clicked, will open the given computer's document (in the BES Console) or its description page (in Web Reports).
link href of <bes computer>	*Plain*	<string>	The link href property does not return an <A> tag but rather returns the value of the href attribute of the <A> tag that would be constructed by the other link inspectors. This allows you to create more flexible linking formats. (See link of <bes computer>). Note that link href returns a string, not an HTML string.
link of <bes computer>	*Plain*	<html>	Returns an HTML string containing an <A> tag that when clicked will open the given computer's document (in the BES Console) or its description page (in Web Reports).
locked flag of <bes computer>	*Plain*	<boolean>	Returns the result of the 'Locked' property of the specified computer. Version 7.0+
name of <bes computer>	*Plain*	<string>	Returns the value of the specified 'Computer Name' property for the specified BES computer.
operating system of <bes computer>	*Plain*	<string>	Returns the result of the 'OS' Property for the specified computer. Version 7.0+
property result of <bes computer>	*Plain*	<bes property result>	Returns a list of all of the <bes property result> objects that the specified BES computer has reported.
relay distance of <bes computer>	*Plain*	<integer>	Returns the result of the 'Distance to BES Relay' property for the specified computer. Version 7.0+
relay hostname of <bes computer>	*Plain*	<string>	Returns the result of the 'Relay Name of Client' property for the specified computer. Version 7.0+
relay selection method of <bes computer>	*Plain*	<string>	Returns the result of the 'BES Relay Selection Method' property for the specified computer. Version 7.0+
relay server flag of <bes computer>	*Plain*	<boolean>	Returns TRUE iff the result of the 'BES Relay Server Installed' property for the specified computer indicates that the BES Relay is installed. Version 7.0+

Key Phrase	*Form*	Return Type	Description
relay server of <bes computer>	*Plain*	<string>	Returns the result of the 'Relay' property of the specified computer. Version 7.0+
relevant <bes fixlet> of <bes computer>	*Index<bes fixlet>*	<boolean>	Returns TRUE if the given Fixlet message is relevant on the specified computer.
relevant fixlet of <bes computer>	*Plain*	<bes fixlet>	Returns a list of all the <bes fixlet> objects that the specified computer has reported are relevant.
relevant fixlet set of <bes computer>	*Plain*	<bes fixlet set>	Returns a list of all the <bes fixlet> objects that the specified computer has reported are relevant. The list is formatted as a mathematical set. Version 7.0+
reported action set of <bes computer>	*Plain*	<bes action set>	Returns a list of all the reported Actions for the specified computer. These may be Actions that are running, fixed, failed, and others. The list is formatted as a mathematical set. Version 7.0+
reported property set of <bes computer>	*Plain*	<bes property set>	Returns a list of all the BES properties that have reported on the specified computer(s). The list is formatted as a mathematical set. Version 7.0+
result from <bes action> of <bes computer>	*Index<bes action>*	<bes action result>	Returns a bes action result object for the given computer and action. This command is a variant of other result Inspectors, such as result <(bes action, bes computer)>.
result from <bes fixlet> of <bes computer>	*Index<bes fixlet>*	<bes fixlet result>	Returns a Fixlet result for the given computer and Fixlet. Version 7.0+
result from <bes property> of <bes computer>	*Index<bes property>*	<bes property result>	Returns the result of the specified BES property and computer.
root server flag of <bes computer>	*Plain*	<boolean>	Returns TRUE iff the result of the 'BES Relay Server Installed' property for the specified computer indicates that it's a BES root server. Version 7.0+
root server of <bes computer>	*Plain*	<string>	Returns the result of the 'BES Root Server' property of the specified computer. Version 7.0+
set of <bes computer>	*Plain*	<bes computer set>	Converts the specified BES computer list to a set that can be arithmetically manipulated. Version 7.0+
subscribed <bes site> of <bes computer>	*Index<bes site>*	<boolean>	Returns TRUE if the specified computer is currently subscribed to the given BES site. Version 8.0+

Key Phrase	*Form*	Return Type	Description
subscribed site of <bes computer>	*Plain*	<bes site>	Returns a list of the BES sites subscribed to by the specified BES computer. Version 8.0+
subscribed site set of <bes computer>	*Plain*	<bes site set>	Returns a list of the BES sites subscribed to by the specified BES computer, organized as a set. Version 8.0+
unique value of <bes computer>	*Plain*	<bes computer with multiplicity>	Returns the unique values of a given list of <bes computer> types, removing duplicates and sorting by value. Version 7.1+

Operators

Key phrase	Return Type	Description
<bes computer> = <bes computer>	*<boolean>*	Compares two BES Computer types and returns TRUE if they are equal. Version 7.1+

Examples

- `names of administered computers of bes user whose (name of it is "Joe")`

  Returns the list of computers currently administered by the BES User named Joe.

- `links (h1 of name of it) of bes computers`

  Returns a list of HTML strings, each with an HTML link named after the BES computer and formatted as a header (h1).

- `links (name of it & "(" & id of it as string & ")") of bes computers`

  Returns an HTML string that will print the name and ID of the computer inside a clickable <A> tag.

- `(br & html "Click <A href='" & link href of it & html "'>here</A> to open computer " & id of it as string) of bes computers`

  Returns an html string such as 'Click here to open computer 89201' message that, when clicked, will open the corresponding BES computer document.

- `detailed status of result from (bes action whose (id of it is 1234)) of (bes computer whose (id of it is 1234567))`

  Returns the detailed status of the specified action on the given computer.

- `size of (set of bes computers)`

  Returns the current number of BES computers.

BES Computer Set

These Inspectors convert an iterated list of computers into a set, which allows you to perform intersections, unions and other mathematical operations on them.

Creation Methods

Key Phrase	*Form*	Description
administered computer set of <bes user>	*Plain*	Returns the set of computers that are administerable by the specified BES user. Version 7.0+
applicable computer set of <bes baseline component>	*Plain*	Returns the set of computers where the given baseline component(s) is applicable, i.e., those computers where the baseline component is relevant. Version 7.0+
applicable computer set of <bes fixlet>	*Plain*	Returns the set of computers where the given Fixlet(s) is applicable, i.e., those computers where the Fixlet is relevant. Version 7.0+
bes computer XE set	*PlainGlobal*	An iteration over the BES computers, represented as a mathematical set. Version 7.0+
computer set of <bes filter>	*Plain*	Returns a filtered set of Computers. Given a Computer filter that specifies "OS contains 'Win'", this Inspector returns the set of Windows Computers. Version 7.0+
intersection of <bes computer set>	*Plain*	Returns the intersection of multiple BES computer sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
member set of <bes computer group>	*Plain*	Returns the computer set that comprise the specified BES Computer Group. Version 7.0+
reported computer set of <bes action>	*Plain*	Returns a list of all the computers that have reported for the specified BES Action. The list is formatted as a mathematical set. Version 7.0+
reported computer set of <bes property>	*Plain*	Returns a list of all the computers that have reported for the specified BES property. The list is formatted as a mathematical set. Version 7.0+
set of <bes computer>	*Plain*	Creates a set from an iterated list of BES computers. This can be subjected to arithmetic set operations such as union and intersection. Version 7.0+

Key Phrase	*Form*	Description
subscribed computer set of <bes site>	*Plain*	Returns the list of computers that are subscribed to the specified BES site. The list is formatted as a mathematical set for easier manipulation. Version 7.0+
targeted computer set of <bes action>	*Plain*	Returns the list (formatted as a set) of targeted computers associated with the specified BES Action. Version 7.0+
union of <bes computer set>	*Plain*	Returns the union of multiple BES computer sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
unknown computer set of <bes baseline component>	*Plain*	Returns the unknown computers associated with the specified baseline component. The list is formatted as a set for mathematical manipulations, included intersections and unions. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
element of <bes computer set>	*Plain*	<bes computer>	Returns the unique elements of the specified <bes computer set>, removing duplicates and sorting by value. Version 7.0+
intersection of <bes computer set>	*Plain*	<bes computer set>	Returns the intersection of multiple BES computer sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
size of <bes computer set>	*Plain*	<integer>	Returns the number of unique BES Computers in the specified set. Version 7.0+
union of <bes computer set>	*Plain*	<bes computer set>	Returns the union of multiple BES computer sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+

Operators

Key phrase	Return Type	Description
<bes computer set> {op} <bes computer set>	*<bes computer set>*	Operates on two sets of BES computers, where {op} is one of: -, *, + or 'contains'. Minus subtracts the elements of one set from the other, multiply performs an intersection, plus performs a union and 'contains' find subsets. Version 7.0+
<bes computer set> = <bes computer set>	*<boolean>*	Compares two sets of BES computers for equivalence. Version 7.0+

Examples

- `size of union of applicable computer sets of bes fixlets whose ((source severity of it is "Critical") and (current date - source release date of it > 7 * day)) as floating point / size of bes computer set as floating point`

  Computes the ratio of computers which have at least one relevant critical fixlet released more than 1 week ago.

BES Computer with Multiplicity

These Inspectors deal with arrays of BES computers, allowing you to extract unique computers and count them.

Type Derivation: This object type is derived from the <bes computer> type and therefore shares the same properties as that type.

Creation Methods

Key Phrase	*Form*	Description
unique value of <bes computer>	*Plain*	Returns the unique values of a given list of <bes computer> types, removing duplicates and sorting by value. Version 7.1+

Properties

Key Phrase	*Form*	Return Type	Description
multiplicity of <bes computer with multiplicity>	*Plain*	<integer>	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <bes computer> types. Version 7.1+

BES Computer Group

These Inspectors return an iterated list of computer groups, as defined in the BES Console.

Creation Methods

Key Phrase	*Form*	Description
bes computer group	*PlainGlobal*	Returns a list of the global computer groups. Version 7.0+
computer group of <bes domain>	*Plain*	Returns the computer groups associated with the specified BES Domain. Version 8.0+
element of <bes computer group set>	*Plain*	Returns the unique elements of the specified <bes computer group set>, removing duplicates and sorting by value. Version 7.0+
issued computer group of <bes user>	*Plain*	Returns all computer groups issued by the specified user. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
<bes computer group> as xml	*Cast*	<utf8 string>	Converts the specified BES computer group to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+
automatic flag of <bes computer group>	*Plain*	<boolean>	Returns the value of the 'Automatic' flag corresponding to the specified BES Computer Group. Groups can be manual, automatic or ad-hoc. Version 7.0+
client evaluated flag of <bes computer group>	*Plain*	<boolean>	Returns TRUE if the specified BES computer group is determined by client acknowledgement. Version 7.0+
creation time of <bes computer group>	*Plain*	<time>	Returns the time when the specified BES computer group was created. Version 8.0+
database id of <bes computer group>	*Plain*	<integer>	In the Web Reports environment, this Inspector returns the numeric ID of the database in which this BES computer group resides. Version 7.0+
domain of <bes computer group>	*Plain*	<bes domain>	A domain is attached to a BES computer group when one is created. This Inspector returns the domain associated with the specified group. Version 8.0+

Key Phrase	*Form*	Return Type	Description
id of <bes computer group>	*Plain*	<integer>	Returns the numeric ID corresponding to the specified BES Computer Group. Version 7.0+
issuer of <bes computer group>	*Plain*	<bes user>	Returns the <bes user> object corresponding to the bes computer group that issued the specified activation. Version 8.0+
manual flag of <bes computer group>	*Plain*	<boolean>	Returns the value of the 'Manual' flag corresponding to the specified BES Computer Group. Groups can be manual, automatic or ad-hoc. Version 7.0+
member of <bes computer group>	*Plain*	<bes computer>	Returns the set of computers that comprise the specified BES Computer Group. Version 7.0+
member set of <bes computer group>	*Plain*	<bes computer set>	Returns the computer set that comprise the specified BES Computer Group. Version 7.0+
name of <bes computer group>	*Plain*	<string>	Returns the name corresponding to the specified BES Computer Group. Version 7.0+
set of <bes computer group>	*Plain*	<bes computer group set>	Converts the specified BES computer group list to a set that can be arithmetically manipulated. Version 7.0+
site of <bes computer group>	*Plain*	<bes site>	Returns the site corresponding to the specified BES Computer Group. Version 7.0+
unique value of <bes computer group>	*Plain*	<bes computer group with multiplicity>	Returns the unique values of a given list of <bes computer group> types, removing duplicates and sorting by value. Version 7.1+

Operators

Key phrase	Return Type	Description
<bes computer group> = <bes computer group>	<*boolean*>	Compares two BES Computer Group types and returns TRUE if they are equal. Version 7.1+

Examples

- `names of bes computer groups`

  Returns a list of the currently defined computer groups, by name.

- `size of (set of bes computer groups)`
  - Returns the current number of computer groups.

BES Computer Group Set

These Inspectors convert an iterated list of computer groups into a set, which allows you to perform intersections, unions and other mathematical operations on them.

Creation Methods

Key Phrase	*Form*	Description
bes computer group set	*PlainGlobal*	An iteration over the BES computer groups, represented as a mathematical set. Version 7.0+
computer group set of <bes domain>	*Plain*	Returns the computer groups associated with the specified BES Domain as a set. Version 8.0+
intersection of <bes computer group set>	*Plain*	Returns the intersection of multiple BES computer group sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
issued computer group set of <bes user>	*Plain*	Returns all computer group sets issued by the specified user. Version 8.0+
set of <bes computer group>	*Plain*	Creates a set from an iterated list of BES Computer Groups. This can be subjected to arithmetic set operations such as union and intersection. Version 7.0+
union of <bes computer group set>	*Plain*	Returns the union of multiple BES computer group sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
<bes computer group set> as xml	*Cast*	<utf8 string>	Converts the specified set of BES computer groups to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+
element of <bes computer group set>	*Plain*	<bes computer group>	Returns the unique elements of the specified <bes computer group set>, removing duplicates and sorting by value. Version 7.0+

Key Phrase	*Form*	Return Type	Description
intersection of <bes computer group set>	*Plain*	<bes computer group set>	Returns the intersection of multiple BES computer group sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
size of <bes computer group set>	*Plain*	<integer>	Returns the number of unique BES Computer Groups in the specified set. Version 7.0+
union of <bes computer group set>	*Plain*	<bes computer group set>	Returns the union of multiple BES computer group sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+

Operators

Key phrase	Return Type	Description
<bes computer group set> {op} <bes computer group set>	*<bes computer group set>*	Operates on two sets of BES computer groups, where {op} is one of: -, *, + or 'contains'. Minus subtracts the elements of one set from the other, multiply performs an intersection, plus performs a union and 'contains' find subsets. Version 7.0+
<bes computer group set> = <bes computer group set>	*<boolean>*	Compares two sets of BES computer groups for equivalence. Version 7.0+

Examples

- `names of elements of intersection of administered computer sets of bes users whose (name of it is "joe" or name of it is "sue")`

  Returns a list of the names of those computers administered by both Sue and Joe.

BES Computer Group with Multiplicity

These Inspectors deal with arrays of BES computer groups, allowing you to extract unique computer groups and count them.

Type Derivation: This object type is derived from the <bes computer group> type and therefore shares the same properties as that type.

Creation Methods

Key Phrase	*Form*	Description
unique value of <bes computer group>	*Plain*	Returns the unique values of a given list of <bes computer group> types, removing duplicates and sorting by value. Version 7.1+

Properties

Key Phrase	*Form*	Return Type	Description
multiplicity of <bes computer group with multiplicity>	*Plain*	<integer>	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <bes computer group> types. Version 7.1+

BES Client Setting

These Inspectors return the name, value and scope of BES Client settings. These are named variables that are used to report on and control various client behaviors.

Creation Methods

Key Phrase	*Form*	Description
client setting of <bes computer>	*Plain*	Returns the client setting(s) for the specified computer. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
name of <bes client setting>	*Plain*	<string>	Returns the name of the specified BES client setting. Version 7.0+
scope of <bes client setting>	*Plain*	<string>	Depending on the scope of the specified Client setting, returns 'Local' or a site URL. Version 7.0+

Key Phrase	*Form*	Return Type	Description
value of <bes client setting>	*Plain*	<string>	Returns the value associated with the specified BES Client setting. Version 7.0+

Examples

- `(name of it, scope of it, value of it) of client settings of bes computers`

▸ Returns a list containing the name, scope and value for each of the BES Client settings for each of the BES computers.

BES Fixlet

These Inspectors allow you to iterate over the BES Fixlet messages to create lists of various Fixlet properties such as name, ID, site, and more.

Creation Methods

Key Phrase	*Form*	Description
analysis of <bes activation>	*Plain*	Returns the source analysis fixlet that spawned the specified activation.
bes analysis	*PlainGlobal*	This Inspector iterates over all of the Analysis objects. This is equivalent to "bes fixlets whose (analysis flag of it)". Version 8.0+
bes baseline	*PlainGlobal*	This Inspector iterates over all of the Baseline objects. This is equivalent to "bes fixlets whose (baseline flag of it)". Version 8.0+
bes fixlet	*PlainGlobal*	Returns a list of all the BES custom site objects.
bes task	*PlainGlobal*	This Inspector iterates over all of the tasks objects. This is equivalent to "bes fixlets whose (task flag of it)". Version 8.0+
current fixlet	*PlainGlobal*	When this Inspector is evaluated in the context of a Fixlet message, it returns the associated Fixlet object. • Note: This is a Console-only Inspector.
current task	*PlainGlobal*	When this Inspector is evaluated in the context of a Task, it returns the associated Fixlet object. • Note: This is a Console-only Inspector.
custom bes fixlet	*PlainGlobal*	This Inspector iterates over all of the fixlet objects, only returning fixlets where "custom flag" is TRUE. Version 8.0+

Key Phrase	*Form*	Description
custom fixlet of <bes domain>	*Plain*	Returns all custom fixlets that have been created in the specified BES domain. Version 8.0+
element of <bes fixlet set>	*Plain*	Returns the unique elements of the specified <bes fixlet set>, removing duplicates and sorting by value. Version 7.0+
fixlet <integer> of <bes site>	*Numbered*	Returns the Fixlet with the specified ID from the given BES site.
fixlet of <bes fixlet result>	*Plain*	Returns the Fixlet message associated with the specified Fixlet result.
fixlet of <bes site>	*Plain*	Returns a list all of the Fixlet objects in the given BES site.
issued fixlet of <bes user>	*Plain*	Returns all Fixlet messages issued by the specified user. Version 8.0+
plain bes fixlet	*PlainGlobal*	This Inspector iterates over all of the plain fixlet objects. This is equivalent to "bes fixlets whose (fixlet flag of it)". Version 8.0+
relevant fixlet of <bes computer>	*Plain*	Returns a list of all the <bes fixlet> objects that the specified computer has reported are relevant.
source analysis of <bes property>	*Plain*	Returns the <bes fixlet> object corresponding to the analysis that defines the specified property.
source fixlet of <bes action>	*Plain*	Returns the <bes fixlet> object that was the source of the specified action.
source fixlet of <bes baseline component>	*Plain*	Returns the BES Fixlet(s) associated with the specified BES Baseline component. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
<bes fixlet> as xml	*Cast*	<utf8 string>	Converts the specified BES Fixlet to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+
action <integer> of <bes fixlet>	*Numbered*	<bes fixlet action>	Returns an object representing the nth action for the specified Fixlet message.
action <string> of <bes fixlet>	*Named*	<bes fixlet action>	Returns an object representing the named action for the specified Fixlet message.
action of <bes fixlet>	*Plain*	<bes fixlet action>	Returns a list of all the Fixlet actions associated with the specified Fixlet message.

Key Phrase	*Form*	Return Type	Description
activation of <bes fixlet>	*Plain*	<bes activation>	If the specified Fixlet message is from an analysis, this Inspector returns a list of all of its activations.
analysis flag of <bes fixlet>	*Plain*	<boolean>	Returns TRUE if the specified BES Fixlet message originates from an Analysis.
applicable computer count of <bes fixlet>	*Plain*	<integer>	Returns the number of computers (regardless of locking) that have reported that the specified Fixlet message is relevant.
applicable computer of <bes fixlet>	*Plain*	<bes computer>	Returns a list of all of the <bes computer> objects reporting that the specified Fixlet message is relevant.
applicable computer set of <bes fixlet>	*Plain*	<bes computer set>	Returns the set of computers where the given Fixlet(s) is applicable, i.e., those computers where the Fixlet is relevant. Version 7.0+
baseline flag of <bes fixlet>	*Plain*	<boolean>	Returns TRUE if the specified BES Fixlet message originates from a Baseline.
best activation of <bes fixlet>	*Plain*	<bes activation>	If the specified Fixlet message is from an analysis, then this Inspector returns the activation which is most appropriate for the current console user.
body of <bes fixlet>	*Plain*	<html>	Returns an HTML string containing the body of the Fixlet message.
category of <bes fixlet>	*Plain*	<string>	Returns the category of the given Fixlet message as a string value, such as "Security Hotfix", "Service Pack", "Upgrade", and others.
charset of <bes fixlet>	*Plain*	<string>	Returns the character set to be used when displaying the body or text of the specified Fixlet message.
comment of <bes fixlet>	*Plain*	<bes comment>	Returns the comments assigned to the specified BES Fixlet message. Version 7.0+
component group of <bes fixlet>	*Plain*	<bes baseline component group>	If the specified Fixlet message is a baseline, then this Inspector iterates over the component groups. Version 7.0+
components xml of <bes fixlet>	*Plain*	<string>	If the specified Fixlet message is a baseline, then this Inspector returned the XML representation of the baseline components. • Use component groups of <bes fixlet> instead.

Key Phrase	*Form*	Return Type	Description
creation time of <bes fixlet>	*Plain*	<time>	Returns the time when the specified fixlet was created. This Inspector is only valid for custom fixlets. Version 7.1+
custom flag of <bes fixlet>	*Plain*	<boolean>	Returns TRUE if the specified BES Fixlet message is custom.
custom site flag of <bes fixlet>	*Plain*	<boolean>	Returns true if and only if the specified Fixlet message resides in a custom site.
custom site of <bes fixlet>	*Plain*	<bes site>	If the specified Fixlet message resides in a custom site, this Inspector returns the corresponding site object. Version 7.0+
cve id list of <bes fixlet>	*Plain*	<string>	Returns a string containing the list of CVE (Common Vulnerabilities and Exposures) ID numbers associated with the specified Fixlet message.
default action of <bes fixlet>	*Plain*	<bes fixlet action>	Returns an object representing the default action for the specified Fixlet message.
digest file name of <bes fixlet>	*Plain*	<string>	Returns the file name of the .fxf file that contains this Fixlet message, or the empty string if the Fixlet message does not come from a digest file (i.e., it is a custom Fixlet).
display category of <bes fixlet>	*Plain*	<string>	Returns the category of the specified Fixlet. This Inspector returns the value as displayed in the Console, which may be translated into various languages. Version 8.0+
display message of <bes fixlet>	*Plain*	<html>	Returns the message portion of the specified Fixlet. This Inspector returns the value as displayed in the Console, which may be translated into various languages. Version 8.0+
display name of <bes fixlet>	*Plain*	<string>	Returns the name of the specified Fixlet. This Inspector returns the value as displayed in the Console, which may be translated into various languages. Version 8.0+
display source id of <bes fixlet>	*Plain*	<string>	Returns the source ID of the specified Fixlet. This Inspector returns the value as displayed in the Console, which may be translated into various languages. Version 8.0+

Key Phrase	*Form*	Return Type	Description
display source of <bes fixlet>	*Plain*	<string>	Returns the source of the specified Fixlet. This Inspector returns the value as displayed in the Console, which may be translated into various languages. Version 8.0+
display source severity of <bes fixlet>	*Plain*	<string>	Returns the source severity of the specified Fixlet. This Inspector returns the value as displayed in the Console, which may be translated into various languages. Version 8.0+
domain of <bes fixlet>	*Plain*	<bes domain>	A domain is attached to a Fixlet message when it is created. This Inspector returns the domain associated with the specified Fixlet. Version 8.0+
download size of <bes fixlet>	*Plain*	<integer>	Returns the size of the download associated with this Fixlet message, in bytes.
field <string> of <bes fixlet>	*Named*	<bes fixlet field>	Returns a BES Fixlet field with the given name in the specified Fixlet. Version 8.0+
field of <bes fixlet>	*Plain*	<bes fixlet field>	Returns the fields associated with the specified BES Fixlet. Version 8.0+
fixlet flag of <bes fixlet>	*Plain*	<boolean>	Returns TRUE if the specified BES Fixlet message originates from an ordinary Fixlet site.
globally visible flag of <bes fixlet>	*Plain*	<boolean>	Returns TRUE if the specified Fixlet message is globally visible.
group flag of <bes fixlet>	*Plain*	<boolean>	Returns TRUE if the specified BES Fixlet message originates from a Group.
id of <bes fixlet>	*Plain*	<integer>	Returns the numeric ID unique to the specified Fixlet message.
issuer of <bes fixlet>	*Plain*	<bes user>	Returns the <bes user> object corresponding to the author of the specified fixlet.
link <html> of <bes fixlet>	*Index<html>*	<html>	Returns an HTML string containing an <A> tag including the supplied HTML description that, when clicked, will open the specified Fixlet document (in the BES Console) or its description page (in Web Reports).
link <string> of <bes fixlet>	*Named*	<html>	Returns an HTML string containing an <A> tag including the supplied descriptive string that, when clicked, will open the specified Fixlet document (in the BES Console) or its description page (in Web Reports).

Key Phrase	*Form*	Return Type	Description
link href of <bes fixlet>	*Plain*	<string>	The link href property does not return an <A> tag but rather returns the value of the href attribute of the <A> tag that would be constructed by the other link inspectors. This allows you to create more flexible linking formats. (See link of <bes fixlet>). Note that link href returns a normal string, not an HTML string.
link of <bes fixlet>	*Plain*	<html>	Returns an HTML string containing an <A> tag that when clicked will open the specified Fixlet document (in the BES Console) or its description page (in Web Reports).
locally visible flag of <bes fixlet>	*Plain*	<boolean>	Returns TRUE if the specified Fixlet message is locally visible. • Note: This is a Console-only Inspector.
master site flag of <bes fixlet>	*Plain*	<boolean>	Returns TRUE if the specified Fixlet message is from the Master site.
message of <bes fixlet>	*Plain*	<html>	Returns an HTML string containing the text of the Fixlet message.
mime field <string> of <bes fixlet>	*Named*	<string>	External fixlet authors can add custom fields to their Fixlets. This Inspector returns the mime field labeled by <string> from the specified Fixlet. Version 7.0+
mime field of <bes fixlet>	*Plain*	<mime field>	Returns all the MIME fields for the specified Fixlet. Version 8.0+
modification time of <bes fixlet>	*Plain*	<time>	Returns the time when the given BES Fixlet was last modified. Version 8.0+
name of <bes fixlet>	*Plain*	<string>	Returns the name of the specified BES Fixlet.
open action count of <bes fixlet>	*Plain*	<integer>	Returns the number of open actions whose source is the specified Fixlet message.
operator site flag of <bes fixlet>	*Plain*	<boolean>	Returns TRUE if and only if the specified Fixlet message resides in a non-master operator site.
property <integer> of <bes fixlet>	*Numbered*	<bes property>	If the specified Fixlet is from an analysis, this Inspector returns the property with the ID given by <integer>.
property of <bes fixlet>	*Plain*	<bes property>	If the specified Fixlet is from an analysis, this Inspector returns a list of all of the <bes property> objects associated with it.

Key Phrase	*Form*	Return Type	Description
relevance clause of <bes fixlet>	*Plain*	<string>	Iterates over all the individual relevances clauses in a Fixlet. The related Inspector 'relevance of <bes fixlet>' returns a single clause that ANDs together all the individual clauses. Version 8.0+
relevance of <bes fixlet>	*Plain*	<string>	Returns the relevance expression used to determine if the specified Fixlet message is applicable on a client computer.
relevant <bes computer> of <bes fixlet>	*Index<bes computer>*	<boolean>	Returns TRUE if the given Fixlet message is relevant on the specified computer.
result from <bes computer> of <bes fixlet>	*Index<bes computer>*	<bes fixlet result>	Returns a Fixlet result for the given computer and Fixlet. Version 7.0+
result of <bes fixlet>	*Plain*	<bes fixlet result>	Returns a list of all <bes fixlet result> objects for all computers that have reported on the specified Fixlet message.
sans id list of <bes fixlet>	*Plain*	<string>	Returns a string containing the list of SANS (SysAdmin, Audit, Network, Security) ID numbers associated with the specified Fixlet message.
set of <bes fixlet>	*Plain*	<bes fixlet set>	Converts the specified BES Fixlet list to a set that can be arithmetically manipulated. Version 7.0+
site of <bes fixlet>	*Plain*	<bes site>	Returns the <bes site> object which contains the specified fixlet.
source id of <bes fixlet>	*Plain*	<string>	Returns the source ID of the given Fixlet message as a string value.
source of <bes fixlet>	*Plain*	<string>	Returns the source of the given Fixlet message as a string value.
source release date of <bes fixlet>	*Plain*	<date>	Returns the <date> object that represents the source release date of the specified Fixlet message.
source severity of <bes fixlet>	*Plain*	<string>	Returns the source severity of the given Fixlet message as a string value.
taken action of <bes fixlet>	*Plain*	<bes action>	This Inspector Iterates over the Actions sourced from the given fixlet. Version 8.0+
taken action set of <bes fixlet>	*Plain*	<bes action set>	This Inspector Iterates over the Actions sourced from the given fixlet and returns a set of Actions. Version 8.0+

Key Phrase	*Form*	Return Type	Description
task flag of <bes fixlet>	*Plain*	<boolean>	Returns TRUE if the specified BES Fixlet message originates from a Task.
type of <bes fixlet>	*Plain*	<string>	Returns the type of the specified Fixlet message, which can have values such as "Fixlet", "Task", "Analysis", "ComputerGroup" or "Baseline".
unique value of <bes fixlet>	*Plain*	<bes fixlet with multiplicity>	Returns the unique values of a given list of <bes fixlet> types, removing duplicates and sorting by value. Version 7.1+
unlocked computer count of <bes fixlet>	*Plain*	<integer>	Returns the number of computers that are not locked and that have reported that the specified Fixlet message is relevant. • Note: This is a Console-only Inspector.
visible flag of <bes fixlet>	*Plain*	<boolean>	Returns TRUE if the specified BES Fixlet is not globally or locally hidden. Version 8.0+
wizard data of <bes fixlet>	*Plain*	<html>	If the specified Fixlet message was created with a Wizard then this Inspector returns the HTML string representing the DataStore element of that Wizard. • Note: This is a Console-only Inspector.
wizard link of <bes fixlet>	*Plain*	<string>	If the specified Fixlet message was created with a Wizard then this Inspector returns the HTML string representing the link of that Wizard. • Note: This is a Console-only Inspector.
wizard name of <bes fixlet>	*Plain*	<string>	If the specified Fixlet message was created with a Wizard then this Inspector returns the HTML string representing the name of that Wizard. • Note: This is a Console-only Inspector.

Operators

Key phrase	Return Type	Description
<bes fixlet> = <bes fixlet>	*<boolean>*	Compares two BES Fixlet types and returns TRUE if they are equal. Version 7.1+

Examples

- `links (h1 of name of it) of bes fixlets`

  Returns a list of HTML strings, each with an HTML link named after the Fixlet message and formatted as a header (h1).

- `links (name of it & "(" & id of it as string & ")") of bes fixlets`

  Returns an HTML string that will print the name and ID of the Fixlet message inside a clickable <A> tag.

- `(br & html "Click <A href='" & link href of it & html "'>here</A> to open fixlet " & id of it as string) of bes fixlets`

  Returns an html string such as 'Click here to open fixlet 12345' message that, when clicked, will open the corresponding BES Fixlet document.

- `links of bes fixlets`

  Returns a list of all the BES Fixlets formated as links in an HTML string.

- `links (name of it & "(" & id of it as string & ")") of bes actions`

  Returns a list of clickable links displaying the name and ID of each Action.

- `links (h1 of name of it) of bes actions`

  Returns a list of clickable links displaying the name each Action as a header.

- `(id of it, mime fields "x-fixlet-sans" of it) of bes fixlets`

  Returns a list of the Fixlet IDs and the values of the mime SANS fields (if they exist) of each.

- `size of (set of bes fixlets)`

  Returns the current number of BES Fixlet messages.

- `names of bes fixlets whose (source severity of it is "Critical")`

  Returns a list of the names of the critical Fixlets. Note that the quoted severity (in this case "Critical") is case-sensitive.

BES Fixlet Set

These Inspectors iterate over the current set of BES Fixlets and package them as a mathematical set, suitable for further set manipulation.

Creation Methods

Key Phrase	*Form*	Description
analysis set of <bes filter>	*Plain*	Returns a filtered set of Analyses. Given an Analysis filter that specifies "Visibility equals Visible", this Inspector returns only the set of BES Analyses that are visible. Version 7.0+
baseline set of <bes filter>	*Plain*	Returns a filtered set of Baselines. Given a Baseline filter that specifies "Visibility equals Visible", this Inspector returns only the set of BES Baselines that are visible. Version 7.0+

Key Phrase	*Form*	Description
bes analysis set	*PlainGlobal*	This Inspector returns all of the Analysis objects as a set. This is equivalent to "bes fixlets whose (analysis flag of it)". Version 8.0+
bes baseline set	*PlainGlobal*	This Inspector returns all of the Baseline objects as a set. This is equivalent to "bes fixlets whose (baseline flag of it)". Version 8.0+
bes fixlet set	*PlainGlobal*	An iteration over the BES Fixlets, represented as a mathematical set. Version 7.0+
bes task set	*PlainGlobal*	This Inspector returns all of the tasks objects as a set. This is equivalent to "bes fixlets whose (task flag of it)". Version 8.0+
computer group set of <bes filter>	*Plain*	Returns a filtered set of computer groups. Given a computer group filter that specifies "Name contains 'test'", this Inspector returns the set of computer groups that have 'test' in their name. Version 7.0+
custom bes fixlet set	*PlainGlobal*	This Inspector iterates over all of the fixlet objects, only returning sets of fixlets where "custom flag" is TRUE. Version 8.0+
custom fixlet set of <bes domain>	*Plain*	Returns all custom fixlets (as a set) that have been created in the specified BES domain. Version 8.0+
fixlet set of <bes filter>	*Plain*	Returns a filtered set of Fixlets. Given a Fixlet filter that specifies "Visibility equals Globally Hidden", this Inspector returns only the set of BES Fixlets that are globally hidden. Version 7.0+
fixlet set of <bes site>	*Plain*	Returns the set of Fixlets that are associated with the specified BES Site. Version 7.0+
intersection of <bes fixlet set>	*Plain*	Returns the intersection of multiple BES Fixlet sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
issued fixlet set of <bes user>	*Plain*	Returns all Fixlet message sets issued by the specified user. Version 8.0+
plain bes fixlet set	*PlainGlobal*	This Inspector returns all of the plain fixlet objects as a set. This is equivalent to "bes fixlets whose (fixlet flag of it)". Version 8.0+

Key Phrase	*Form*	Description
relevant fixlet set of <bes computer>	*Plain*	Returns a list of all the <bes fixlet> objects that the specified computer has reported are relevant. The list is formatted as a mathematical set. Version 7.0+
set of <bes fixlet>	*Plain*	Creates a set from an iterated list of BES Fixlets. This can be subjected to arithmetic set operations such as union and intersection. Version 7.0+
task set of <bes filter>	*Plain*	Returns a filtered set of Tasks. Given a Task filter that specifies "Visibility equals Locally Hidden", this Inspector returns only the set of BES Tasks that are locally hidden. Version 7.0+
union of <bes fixlet set>	*Plain*	Returns the union of multiple BES Fixlet sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
<bes fixlet set> as xml	*Cast*	<utf8 string>	Converts the specified set of BES Fixlets to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+
element of <bes fixlet set>	*Plain*	<bes fixlet>	Returns the unique elements of the specified <bes fixlet set>, removing duplicates and sorting by value. Version 7.0+
intersection of <bes fixlet set>	*Plain*	<bes fixlet set>	Returns the intersection of multiple BES Fixlet sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
size of <bes fixlet set>	*Plain*	<integer>	Returns the number of unique BES Fixlets in the specified set. Version 7.0+
union of <bes fixlet set>	*Plain*	<bes fixlet set>	Returns the union of multiple BES Fixlet sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+

Operators

Key phrase	Return Type	Description
<bes fixlet set> {op} <bes fixlet set>	*<bes fixlet set>*	Operates on two sets of BES Fixlets, where {op} is one of: -, *, + or 'contains'. Minus subtracts the elements of one set from the other, multiply performs an intersection, plus performs a union and 'contains' find subsets. Version 7.0+
<bes fixlet set> = <bes fixlet set>	*<boolean>*	Compares two sets of BES Fixlets for equivalence. Version 7.0+

BES Fixlet with Multiplicity

These Inspectors deal with arrays of BES fixlets, allowing you to extract unique fixlets and count them.

Type Derivation: This object type is derived from the <bes fixlet> type and therefore shares the same properties as that type.

Creation Methods

Key Phrase	*Form*	Description
unique value of <bes fixlet>	*Plain*	Returns the unique values of a given list of <bes fixlet> types, removing duplicates and sorting by value. Version 7.1+

Properties

Key Phrase	*Form*	Return Type	Description
multiplicity of <bes fixlet with multiplicity>	*Plain*	<integer>	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <bes fixlet> types. Version 7.1+

BES Fixlet Action

These Inspectors let you examine BES Actions that are attached to Fixlet messages.

Creation Methods

Key Phrase	*Form*	Description
action <integer> of <bes fixlet>	*Numbered*	Returns an object representing the nth action for the specified Fixlet message.

Key Phrase	*Form*	Description
action <string> of <bes fixlet>	*Named*	Returns an object representing the named action for the specified Fixlet message.
action of <bes baseline component>	*Plain*	Returns the action(s) associated with the specified baseline component. Version 7.0+
action of <bes fixlet>	*Plain*	Returns a list of all the Fixlet actions associated with the specified Fixlet message.
default action of <bes fixlet>	*Plain*	Returns an object representing the default action for the specified Fixlet message.

Properties

Key Phrase	*Form*	Return Type	Description
content id of <bes fixlet action>	*Plain*	<string>	Returns the content ID field for the specified Fixlet action.
script of <bes fixlet action>	*Plain*	<string>	Returns the script for the specified Fixlet action.
script type of <bes fixlet action>	*Plain*	<string>	Returns the MIME type of the specified Fixlet action.

BES Fixlet Result

These Inspectors allow you to inspect the results of BES Fixlet messages, including relevance and affected computers.

Creation Methods

Key Phrase	*Form*	Description
result <(bes computer, bes fixlet)>	*Index<(bes computer, bes fixlet)>Global*	Returns a Fixlet result for the given computer and Fixlet. This command is a variant of other result Inspectors, such as result from <bes fixlet> of <bes computer>. Version 7.0+
result <(bes fixlet, bes computer)>	*Index<(bes fixlet, bes computer)>Global*	Returns a Fixlet result for the given computer and Fixlet. This command is a variant of other result Inspectors, such as result from <bes fixlet> of <bes computer>. Version 7.0+
result from <bes computer> of <bes fixlet>	*Index<bes computer>*	Returns a Fixlet result for the given computer and Fixlet. Version 7.0+

Key Phrase	*Form*	Description
result from <bes fixlet> of <bes computer>	*Index<bes fixlet>*	Returns a Fixlet result for the given computer and Fixlet. Version 7.0+
result of <bes fixlet>	*Plain*	Returns a list of all <bes fixlet result> objects for all computers that have reported on the specified Fixlet message.

Properties

Key Phrase	*Form*	Return Type	Description
computer of <bes fixlet result>	*Plain*	<bes computer>	Returns the BES computer associated with the specified Fixlet result.
first became relevant of <bes fixlet result>	*Plain*	<time>	Returns the time when the Fixlet result first became relevant. • Note: This is a Web Reports-only Inspector.
fixlet of <bes fixlet result>	*Plain*	<bes fixlet>	Returns the Fixlet message associated with the specified Fixlet result.
last became nonrelevant of <bes fixlet result>	*Plain*	<time>	Returns the time when the Fixlet result last became non-relevant. This may be tied to the successful completion of the Fixlet message. • Note: This is a Web Reports-only Inspector.
last became relevant of <bes fixlet result>	*Plain*	<time>	Returns the time when the Fixlet result last became relevant. • Note: This is a Web Reports-only Inspector.
relevant flag of <bes fixlet result>	*Plain*	<boolean>	Returns TRUE if the computer reports that the given Fixlet result is relevant, and FALSE otherwise.

BES Activation

These Inspectors examine the various Analyses that have been activated on the networked BES Clients.

Creation Methods

Key Phrase	*Form*	Description
activation of <bes fixlet>	*Plain*	If the specified Fixlet message is from an analysis, this Inspector returns a list of all of its activations.
best activation of <bes fixlet>	*Plain*	If the specified Fixlet message is from an analysis, then this Inspector returns the activation which is most appropriate for the current console user.

Properties

Key Phrase	*Form*	Return Type	Description
active flag of <bes activation>	*Plain*	<boolean>	Returns TRUE if the specified activation is active, FALSE if it has been stopped.
analysis of <bes activation>	*Plain*	<bes fixlet>	Returns the source analysis fixlet that spawned the specified activation.
creation time of <bes activation>	*Plain*	<time>	Returns the time when the given BES Analysis activation was created. Version 7.1+
database id of <bes activation>	*Plain*	<integer>	In the Web Reports environment, this Inspector returns the numeric ID of the database in which this BES Activation resides.
id of <bes activation>	*Plain*	<integer>	Returns the numeric ID of the BES activation object.
issuer of <bes activation>	*Plain*	<bes user>	Returns the <bes user> object corresponding to the user who issued the specified activation.
modification time of <bes activation>	*Plain*	<time>	Returns the time when the given BES Analysis activation was last modified. Version 7.1+
name of <bes activation>	*Plain*	<string>	Returns the name of the specified BES activation as a string.

BES Baseline Component

These Inspectors return the individual components of a Baseline, such as Fixlets, Tasks or other Baselines.

Creation Methods

Key Phrase	*Form*	Description
component of <bes baseline component group>	*Plain*	Returns a list of the components of the specified BES Baseline component group. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
action of <bes baseline component>	*Plain*	<bes fixlet action>	Returns the Action corresponding to the specified BES Baseline component. Version 7.0+
applicable computer count of <bes baseline component>	*Plain*	<integer>	Returns the number of computers (regardless of locking) that have reported that the specified BES Baseline component is relevant. Version 7.0+
applicable computer set of <bes baseline component>	*Plain*	<bes computer set>	Returns the set of computers where the given baseline component(s) is applicable, i.e., those computers where the baseline component is relevant. Version 7.0+
id of <bes baseline component>	*Plain*	<integer>	Returns the numeric ID of the specified BES Baseline component. Version 7.0+
include in relevance flag of <bes baseline component>	*Plain*	<boolean>	When you define a Baseline by adding components, the default is to OR the relevance from each baseline component with the overall Baseline relevance. Thus, the multiple Action group will be relevant on machines where any of the components are relevant. If you add a component that is always relevant (such as "true"), you might want to uncheck the "Baseline will be relevant on applicable computers where this component is relevant" checkbox (click the + next to the component name to see it). This Inspector returns TRUE if this box is checked for the specified component. Version 7.0+
name of <bes baseline component>	*Plain*	<string>	Returns the name of the specified BES Baseline component. Version 7.0+
relevance of <bes baseline component>	*Plain*	<string>	Returns the relevance expression used to determine if the specified BES Baseline component is applicable on a client computer. Version 7.0+
source fixlet of <bes baseline component>	*Plain*	<bes fixlet>	Returns the BES Fixlet(s) associated with the specified BES Baseline component. Version 7.0+
unknown computer count of <bes baseline component>	*Plain*	<integer>	Returns the number of unknown computers associated with the specified baseline component. Version 7.0+

Key Phrase	*Form*	Return Type	Description
unknown computer set of <bes baseline component>	*Plain*	<bes computer set>	Returns the unknown computers associated with the specified baseline component. The list is formatted as a set for mathematical manipulations, included intersections and unions. Version 7.0+

BES Baseline Component Group

Baselines provide a method of grouping Actions from multiple Fixlets, Tasks, or other Baselines. Once a Baseline is defined (in the BES Console) the Actions are all grouped for simulataneous application. This technique allows you to form natural groupings of Actions for a single-click deployment.

Creation Methods

Key Phrase	*Form*	Description
component group of <bes fixlet>	*Plain*	If the specified Fixlet message is a baseline, then this Inspector iterates over the component groups. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
component of <bes baseline component group>	*Plain*	<bes baseline component>	Returns a list of the components of the specified BES Baseline component group. Version 7.0+
name of <bes baseline component group>	*Plain*	<string>	Returns the name(s) of the specified BES Baseline component group(s). Version 7.0+

BES Comment

These Inspectors return the text, timestamp and author of BES Comments.

Creation Methods

Key Phrase	*Form*	Description
comment of <bes action>	*Plain*	Returns the Console-created comment associated with the specified BES Action. Version 7.0+

Key Phrase	*Form*	Description
comment of <bes computer>	*Plain*	Returns the Console-created comments assigned to the specified BES Computer. Version 7.0+
comment of <bes fixlet>	*Plain*	Returns the Console-created comments assigned to the specified BES Fixlet message. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
author of <bes comment>	*Plain*	<bes user>	Returns the author of the specified BES Comment. Version 7.0+
deleted flag of <bes comment>	*Plain*	<boolean>	Returns TRUE if the specified BES Comment has been deleted. Version 7.0+
text of <bes comment>	*Plain*	<string>	Returns the text of the specified BES Comment. Version 7.0+
timestamp of <bes comment>	*Plain*	<time>	Returns the time that the specified BES Comment was posted. Version 7.0+

Examples

- `(name of author of it, text of it) of comments of bes fixlets`

  Returns a list of all the comments attached to the BES Fixlets, along with the author's name.

BES Property

These Inspectors return information about the properties of BES Client computers. Properties -- along with their names, IDs and definitions -- can be iterated to produce property lists of all your networked BES computers.

Creation Methods

Key Phrase	*Form*	Description
bes property	*PlainGlobal*	Returns a list of all the BES custom site objects.
bes property <string>	*NamedGlobal*	Returns the first property whose name matches the given string. Note that it is not safe to assume that there is only one property with a given name.
element of <bes property set>	*Plain*	Returns the unique elements of the specified <bes property set>, removing duplicates and sorting by value. Version 7.0+

Key Phrase	*Form*	Description
property <integer> of <bes fixlet>	*Numbered*	If the specified Fixlet is from an analysis, this Inspector returns the property with the ID given by <integer>.
property of <bes fixlet>	*Plain*	If the specified Fixlet is from an analysis, this Inspector returns a list of all of the <bes property> objects associated with it.
property of <bes property result>	*Plain*	Returns the property corresponding to the specified BES property result.

Properties

Key Phrase	*Form*	Return Type	Description
<bes property> as xml	*Cast*	<utf8 string>	Converts the specified BES Property to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+
analysis flag of <bes property>	*Plain*	<boolean>	Returns TRUE if the specified BES property is an analysis property.
category of <bes property>	*Plain*	<string>	Returns the optional category created for the specified BES property. Version 7.0+
custom flag of <bes property>	*Plain*	<boolean>	Returns TRUE if the specified BES property is custom.
database id of <bes property>	*Plain*	<integer>	In the Web Reports environment, this Inspector returns the numeric ID of the database containing the specified BES property.
default flag of <bes property>	*Plain*	<boolean>	Returns TRUE if the specified BES property is the default.
definition of <bes property>	*Plain*	<string>	Returns the relevance expression which defines the specified property.
disk usage of <bes property>	*Plain*	<integer>	Gives the size in bytes of the cache file holding the results for the given property. Version 8.0+
display category of <bes property>	*Plain*	<string>	Returns the category of the specified BES property. This Inspector returns the value as displayed in the Console, which may be translated into various languages. Version 8.0+

Key Phrase	*Form*	Return Type	Description
display name of <bes property>	*Plain*	<string>	Returns the name of the specified BES property. This Inspector returns the value as displayed in the Console, which may be translated into various languages. Version 8.0+
display simple name of <bes property>	*Plain*	<string>	Returns the simple name of the specified BES property. This Inspector returns the value as displayed in the Console, which may be translated into various languages. Version 8.0+
evaluation period of <bes property>	*Plain*	<time interval>	Returns the <time interval> that controls how frequently clients will submit reports for the specified property.
id of <bes property>	*Plain*	<(integer, integer, integer)>	Returns a 3-tuple of integers composed of the site ID, analysis ID and property ID. The first integer identifies the site hosting the Analysis. For custom properties not contained in an analysis (those created using the Manage Properties dialog), it is the ID of the Action site. The second integer indentifies the Analysis containing the property. For custom properties, this is 0. The third integer identifies the property itself. This is the same as the source ID if the property is defined in an Analysis. If it is not defined in an Analysis then this is the unique object ID for the property. Version 7.0+
keep statistics flag of <bes property>	*Plain*	<boolean>	Returns TRUE if statistics are being kept for the specified BES property. Version 7.0+
memory usage of <bes property>	*Plain*	<integer>	Returns an estimate of the number of bytes of virtual memory that is currently being used to store the result of the given property. Version 8.0+
name of <bes property>	*Plain*	<string>	Returns the name of the specified BES property. This name is not guaranteed to be unique.
reported computer set of <bes property>	*Plain*	<bes computer set>	Returns a list of all the computers that have reported for the specified BES property. The list is formatted as a mathematical set. Version 7.0+
reserved flag of <bes property>	*Plain*	<boolean>	Returns TRUE if the specified BES property is reserved.
result from <bes computer> of <bes property>	*Index<bes computer>*	<bes property result>	Returns the result of the specified BES property and computer.

Key Phrase	*Form*	Return Type	Description
result of <bes property>	*Plain*	<bes property result>	Returns a list of the BES property results for every computer reporting a result for the specified property.
set of <bes property>	*Plain*	<bes property set>	Converts the specified BES Property list to a set that can be arithmetically manipulated. Version 7.0+
simple name of <bes property>	*Plain*	<string>	Returns the non-category portion of the property name. Version 7.0+
source analysis of <bes property>	*Plain*	<bes fixlet>	Returns the <bes fixlet> object corresponding to the analysis that defines the specified property.
source evaluation period of <bes property>	*Plain*	<time interval>	Returns the period of the property as specified by the analysis that defines it. This period is not necessarily the same as the period of the property.
source id of <bes property>	*Plain*	<integer>	Returns the ID of the property as specified by the analysis that defines it. This is not the same as the unique property ID.
source name of <bes property>	*Plain*	<string>	Returns the name of the property as specified by the analysis that defines it. This name is not necessarily the same as the name of the property.
statistic range of <bes property>	*Plain*	<statistic range>	Returns the range of statistical bins associated with the given property. The property must be marked for statistical aggregation. If not, or if no clients have reported results, it throws NoSuchObject.
unique value of <bes property>	*Plain*	<bes property with multiplicity>	Returns the unique values of a given list of <bes property> types, removing duplicates and sorting by value. Version 7.1+

Operators

Key phrase	Return Type	Description
<bes property> = <bes property>	*<boolean>*	Compares two BES Property types and returns TRUE if they are equal. Version 7.1+

Examples

- `names of bes properties whose (disk usage of it > 0)`

  Returns a list of the BES Properties than are currently using disk space.

- `size of (set of bes properties)`
  - Returns the current number of BES properties.

BES Property Set

These Inspectors iterate over the current set of BES properties and package them as a mathematical set, suitable for further set manipulation.

Creation Methods

Key Phrase	*Form*	Description
bes property set	*PlainGlobal*	An iteration over the BES Properties, represented as a mathematical set. Version 7.0+
intersection of <bes property set>	*Plain*	Returns the intersection of multiple BES property sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
reported property set of <bes computer>	*Plain*	Returns a list of all the BES properties that have reported on the specified computer(s). The list is formatted as a mathematical set. Version 7.0+
set of <bes property>	*Plain*	Creates a set from an iterated list of BES Properties. This can be subjected to arithmetic set operations such as union and intersection. Version 7.0+
union of <bes property set>	*Plain*	Returns the union of multiple BES property sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
<bes property set> as xml	*Cast*	<utf8 string>	Converts the specified set of BES Properties to XML format, for submission to the EvaluateRelevance API used by the BES Console and Web Reports. Version 7.0+
element of <bes property set>	*Plain*	<bes property>	Returns the unique elements of the specified <bes property set>, removing duplicates and sorting by value. Version 7.0+

Key Phrase	*Form*	Return Type	Description
intersection of <bes property set>	*Plain*	<bes property set>	Returns the intersection of multiple BES property sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
size of <bes property set>	*Plain*	<integer>	Returns the number of unique BES Properties in the specified set. Version 7.0+
union of <bes property set>	*Plain*	<bes property set>	Returns the union of multiple BES property sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+

Operators

Key phrase	Return Type	Description
<bes property set> {op} <bes property set>	*<bes property set>*	Operates on two sets of BES properties, where {op} is one of: -, *, + or 'contains'. Minus subtracts the elements of one set from the other, multiply performs an intersection, plus performs a union and 'contains' find subsets. Version 7.0+
<bes property set> = <bes property set>	*<boolean>*	Compares two sets of BES properties for equivalence. Version 7.0+

BES Property with Multiplicity

These Inspectors deal with arrays of BES properties, allowing you to extract unique properties and count them.

Type Derivation: This object type is derived from the <bes property> type and therefore shares the same properties as that type.

Creation Methods

Key Phrase	*Form*	Description
unique value of <bes property>	*Plain*	Returns the unique values of a given list of <bes property> types, removing duplicates and sorting by value. Version 7.1+

Properties

Key Phrase	*Form*	Return Type	Description
multiplicity of <bes property with multiplicity>	*Plain*	<integer>	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <bes property> types. Version 7.1+

BES Property Result

These Inspectors return the results returned by the given properties of the specified BES Client computers.

Creation Methods

Key Phrase	*Form*	Description
property result of <bes computer>	*Plain*	Returns a list of all of the <bes property result> objects that the specified BES computer has reported.
result <(bes computer, bes property)>	*Index<(bes computer, bes property)>Global*	Returns the result of the specified BES property and computer.
result <(bes property, bes computer)>	*Index<(bes property, bes computer)>Global*	Returns the result of the specified BES property and computer.

Key Phrase	*Form*	Description
result from <bes computer> of <bes property>	*Index<bes computer>*	Returns the result of the specified BES property and computer.
result from <bes property> of <bes computer>	*Index<bes property>*	Returns the result of the specified BES property and computer.
result of <bes property>	*Plain*	Returns a list of the BES property results for every computer reporting a result for the specified property.

Properties

Key Phrase	*Form*	Return Type	Description
computer of <bes property result>	*Plain*	<bes computer>	Returns the computer corresponding to the specified BES property result.
error flag of <bes property result>	*Plain*	<boolean>	Returns TRUE if the specified BES property result is an error.
error message of <bes property result>	*Plain*	<string>	If the specified BES property result is an error, this Inspector returns the error message.
plural flag of <bes property result>	*Plain*	<boolean>	Returns TRUE if the specified BES property result is a multiple result.
property of <bes property result>	*Plain*	<bes property>	Returns the property corresponding to the specified BES property result.
value count of <bes property result>	*Plain*	<integer>	Returns the number of values reported by this computer for the specified property result.
value of <bes property result>	*Plain*	<string>	Returns a list of the <string> values reported by this computer for the specified property result.

BES Server

These Inspectors return information about the BES Server, allowing Dashboards and Web Reports to access files and other information from the BES database.

Creation Methods

Key Phrase	*Form*	Description
current bes server	*PlainGlobal*	Returns a <bes server> object corresponding to the BES Server currently connected to the Console or Web Reports applications. The current bes server Inspectors allow dashboards to access files hosted on the current BES Server. Version 7.2+

Properties

Key Phrase	*Form*	Return Type	Description
database id of <bes server>	*Plain*	<integer>	Returns the integer database ID corresponding to the specified BES Server. Version 7.2+
database name of <bes server>	*Plain*	<string>	Returns the database name (as a <string>) corresponding to the specified BES Server. Version 7.2+
url of <bes server>	*Plain*	<string>	Returns the URL of the specified BES Server, providing access to any files hosted on that server. Version 7.2+

BES User

These Inspectors let you keep track of the users authorized to use the BES Console. You can iterate over the users, producing lists containing information such as the name and authorization level.

Creation Methods

Key Phrase	*Form*	Description
administrator of <bes computer>	*Plain*	Iterates over the users who have administrative rights on this computer. Version 7.0+
author of <bes comment>	*Plain*	Returns the author of the specified BES Comment. Version 7.0+
bes user	*PlainGlobal*	Returns a list of all the BES users.

Key Phrase	*Form*	Description
creator of <bes site>	*Plain*	Returns the <bes user> who created the specified custom site. Does not exist for External, Master or Operator sites. Version 7.0+
current console user	*PlainGlobal*	Returns a user object for the user currently logged into the BES Console.
element of <bes user set>	*Plain*	Returns the unique elements of the specified <bes user set>, removing duplicates and sorting by value. Version 7.0+
explicit owner of <bes site>	*Plain*	Returns a list of BES users that have been granted ownership of the specified site. Notice that the creator of this site is not included in the owner list. • Note: This is a Console-only Inspector. Version 7.1+
explicit reader of <bes site>	*Plain*	Returns a list of BES users that have been granted reading privileges on the specified site. Notice that the creator, owners (unless explicitly added) and writers of this site are not included in this reader list. • Note: This is a Console-only Inspector. Version 7.1+
explicit writer of <bes site>	*Plain*	Returns a list of BES users that have been granted writing privileges on the specified site. Notice that the creator and owners (unless explicitly added) of this site are not included in this reader list. • Note: This is a Console-only Inspector. Version 7.1+
issuer of <bes action>	*Plain*	Returns the BES user object corresponding to the issuer of the specified action.
issuer of <bes activation>	*Plain*	Returns the <bes user> object corresponding to the user who issued the specified activation.
issuer of <bes computer group>	*Plain*	Returns the <bes user> object corresponding to the bes computer group that issued the specified activation. Version 8.0+
issuer of <bes fixlet>	*Plain*	Returns the <bes user> object corresponding to the author of the specified fixlet.
owner of <bes site>	*Plain*	Returns a list of BES users that have been granted ownership of the specified site. Notice that the creator of this site is not included in the owner list. • Note: This is a Console-only Inspector. Version 7.0+

Key Phrase	*Form*	Description
reader of <bes site>	*Plain*	Returns a list of BES users that have been granted reading privileges on the specified site. Notice that the creator, owners (unless explicitly added) and writers of this site are not included in this reader list. • Note: This is a Console-only Inspector. Version 7.0+
stopper of <bes action>	*Plain*	If the specified action has been stopped, this Inspector returns the user who stopped it. Version 7.0+
writer of <bes site>	*Plain*	Returns a list of BES users that have been granted writing privileges on the specified site. Notice that the creator and owners (unless explicitly added) of this site are not included in this reader list. • Note: This is a Console-only Inspector. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
action site of <bes user>	*Plain*	<bes site>	If the user is a master operator, this Inspector returns the Master Action site. Otherwise, it returns the operator site of the user. For example, "number of subscribed computers of action site of current console user". Version 8.0+
administered computer of <bes user>	*Plain*	<bes computer>	Iterates and returns a list of the computers that are administered by the specified BES user. Version 7.0+
administered computer set of <bes user>	*Plain*	<bes computer set>	Returns the set of computers that are administerable by the specified BES user. Version 7.0+
administrator <bes computer> of <bes user>	*Index<bes computer>*	<boolean>	Returns TRUE if the specified user is an administrator of the given computers. Version 7.0+
creation time of <bes user>	*Plain*	<time>	Returns the time when the specified user was created.
custom content flag of <bes user>	*Plain*	<boolean>	Returns TRUE if the user has been granted the privilege to author custom content/actions.
issued action of <bes user>	*Plain*	<bes action>	Returns all actions, including hidden actions, issued by the specified user. Version 7.0+

Key Phrase	*Form*	Return Type	Description
issued action set of <bes user>	*Plain*	<bes action set>	Returns all actions, including hidden actions, issued by the specified user. This list is formatted as a mathematical set. Version 7.0+
issued computer group of <bes user>	*Plain*	<bes computer group>	Returns all computer groups issued by the specified user. Version 8.0+
issued computer group set of <bes user>	*Plain*	<bes computer group set>	Returns all computer group sets issued by the specified user. Version 8.0+
issued fixlet of <bes user>	*Plain*	<bes fixlet>	Returns all Fixlet messages issued by the specified user. Version 8.0+
issued fixlet set of <bes user>	*Plain*	<bes fixlet set>	Returns all Fixlet message sets issued by the specified user. Version 8.0+
last login time of <bes user>	*Plain*	<time>	Returns the time of the specified user's most recent database login.
link <html> of <bes user>	*Index<html>*	<html>	Returns an HTML string containing an <A> tag including the supplied HTML description that, when clicked, will open the specified user document (in the BES Console) or its description page (in Web Reports).
link <string> of <bes user>	*Named*	<html>	Returns an HTML string containing an <A> tag including the supplied descriptive string that, when clicked, will open the given user document (in the BES Console) or description page (in Web Reports).
link href of <bes user>	*Plain*	<string>	The link href property does not return an <A> tag but rather returns the value of the href attribute of the <A> tag that would be constructed by the other link inspectors. This allows you to create more flexible linking formats. (See link of <bes user>). Note that link href returns a normal string, not an HTML string.
link of <bes user>	*Plain*	<html>	Returns an HTML string containing an <A> tag that when clicked will open the specified user document (in the BES Console) or its description page (in Web Reports).
master flag of <bes user>	*Plain*	<boolean>	Returns TRUE if the user is a master administrator.

Key Phrase	*Form*	Return Type	Description
name of <bes user>	*Plain*	<string>	Returns the name of the specified BES user (database login name).
operator site of <bes user>	*Plain*	<bes site>	This Inspector returns the BES site object for the given (non-master) user. If the user is a Master Operator, this Inspector will throw NoSuchObject. Version 8.0+
set of <bes user>	*Plain*	<bes user set>	Converts the specified BES User list to a set that can be arithmetically manipulated. Version 7.0+
unique value of <bes user>	*Plain*	<bes user with multiplicity>	Returns the unique values and counts of a given list of <bes user> types, removing duplicates and sorting by value. Version 7.1+
unmanagedasset privilege scanpoint flag of <bes user>	*Plain*	<boolean>	When you create or edit a user, you specify whether they can see all unmanaged assets, none, or only those that were scanned by a computer which the user manages. This Inspector returns TRUE if the "scanpoint only" option is set for the specified user. Version 7.0+
unmanagedasset privilege showall flag of <bes user>	*Plain*	<boolean>	When you create or edit a user, you specify whether they can see all unmanaged assets, none, or only those that were scanned by a computer which the user manages. This Inspector returns TRUE if all assets are visible for the specified user. Version 7.0+
unmanagedasset privilege shownone flag of <bes user>	*Plain*	<boolean>	When you create or edit a user, you specify whether they can see all unmanaged assets, none, or only those that were scanned by a computer which the user manages. This Inspector returns TRUE if no assets are visible the specified user. Version 7.0+

Operators

Key phrase	Return Type	Description
<bes user> = <bes user>	<*boolean*>	Compares two BES Users. Version 7.0+

Examples

- `(name of item 0 of it, size of item 1 of it) of (it, sets of items 1 of (it, bes fixlets) whose (issuer of item 1 of it = item 0 of it)) of bes users`
  - Returns a list of the names of the current BES Users and the number of Fixlets each one has issued.

- `number of subscribed computers of action site of current console user`

  Returns the number of computers currently subscribed to the specified user's Action site.

- `links (h1 of name of it) of bes users`

  Returns a list of HTML strings, each with an HTML link named after the user and formatted as a header (h1).

- `links (name of it & "(" & master flag of it as string & ")") of bes users`

  Returns an HTML string that will print the name and master status of the user inside a clickable <A> tag.

- `(br & html "Click <A href='" & link href of it & html "'>here</A> to open user " & name of it as string) of bes users`

  Returns an html string such as 'Click here to open user John' message that, when clicked, will open the corresponding BES user document.

- `links of bes users`

  Returns a list of all the BES users formated as links in an HTML string.

- `size of (set of bes users)`

  Returns the current number of BES users.

BES User Set

These Inspectors iterate over the current set of BES users and package them as a mathematical set, suitable for further set manipulation.

Creation Methods

Key Phrase	*Form*	Description
administrator set of <bes computer>	*Plain*	Returns the set of users who have administrative rights on this computer. Version 7.0+
bes user set	*PlainGlobal*	An iteration over the BES Users, represented as a mathematical set. Version 7.0+
explicit owner set of <bes site>	*Plain*	Returns the set of BES users who are owners (an iterated list) of the specified BES site. Version 7.1+
explicit reader set of <bes site>	*Plain*	Returns the set of BES users who have read rights (the iterated list) on the specified BES custom site. Version 7.1+
explicit writer set of <bes site>	*Plain*	Returns the set of BES users who have write permissions (as an iterated list) on the specified BES site. Version 7.1+

Key Phrase	*Form*	Description
intersection of <bes user set>	*Plain*	Returns the intersection of multiple BES User sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
owner set of <bes site>	*Plain*	Returns the set of BES users who are owners (an iterated list) of the specified BES site. Version 7.0+
reader set of <bes site>	*Plain*	Returns the set of BES users who have read rights (the iterated list) on the specified BES custom site. Version 7.0+
set of <bes user>	*Plain*	Creates a set from an iterated list of BES Users. This can be subjected to arithmetic set operations such as union and intersection. Version 7.0+
union of <bes user set>	*Plain*	Returns the union of multiple BES User sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
user set of <bes filter>	*Plain*	Returns a filtered set of Console Operators. Given a Console Operator filter that specifies "Name contains Joe", this Inspector returns only the set of Console Operators named Joe. Version 7.0+
writer set of <bes site>	*Plain*	Returns the set of BES users who have write permissions (as an iterated list) on the specified BES site. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
element of <bes user set>	*Plain*	<bes user>	Returns the unique elements of the specified <bes user set>, removing duplicates and sorting by value. Version 7.0+
intersection of <bes user set>	*Plain*	<bes user set>	Returns the intersection of multiple BES User sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
size of <bes user set>	*Plain*	<integer>	Returns the number of unique BES Users in the specified set. Version 7.0+

Key Phrase	*Form*	Return Type	Description
union of <bes user set>	*Plain*	<bes user set>	Returns the union of multiple BES User sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+

Operators

Key phrase	Return Type	Description
<bes user set> {op} <bes user set>	*<bes user set>*	Operates on two sets of BES Users, where {op} is one of: -, *, + or 'contains'. Minus subtracts the elements of one set from the other, multiply performs an intersection, plus performs a union and 'contains' find subsets. Version 7.0+
<bes user set> = <bes user set>	*<boolean>*	Compares two sets of BES Users for equivalence. Version 7.0+

BES User with Multiplicity

These Inspectors deal with arrays of BES users, allowing you to extract unique users and count them.

Type Derivation: This object type is derived from the <bes user> type and therefore shares the same properties as that type.

Creation Methods

Key Phrase	*Form*	Description
unique value of <bes user>	*Plain*	Returns the unique values and counts of a given list of <bes user> types, removing duplicates and sorting by value. Version 7.1+

Properties

Key Phrase	*Form*	Return Type	Description
multiplicity of <bes user with multiplicity>	*Plain*	<integer>	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <bes user> types. Version 7.1+

BES Filter

These Inspectors return the filters, which represent the criteria used by the Find command (Ctrl-F in the BES Console). The filters are specific to computers, computer groups, Actions, Analyses, Baselines, Unmanaged Assets, Users, Tasks or Fixlets, and are appropriately flagged.

Creation Methods

Key Phrase	*Form*	Description
bes filter	*PlainGlobal*	Returns the list of the global BES Filters, as created by the Find command (ctrl-F). Version 7.0+
bes filter <integer>	*NumberedGlobal*	Returns the filter with the specified ID. It is the same as "bes filter whose (id of it is <integer>)". Version 7.0+
element of <bes filter set>	*Plain*	Returns the unique elements of the specified <bes filter set>, removing duplicates and sorting by value. Version 7.0+
filter of <bes domain>	*Plain*	Returns all the custom filters that have been created in the specified BES domain. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
action flag of <bes filter>	*Plain*	<boolean>	Returns TRUE if the specified BES Filter was designed for finding Actions. Version 7.0+
action set of <bes filter>	*Plain*	<bes action set>	Returns a filtered set of Actions. Given an Action filter that specifies "Name contains 'Custom Action'", this Inspector returns the set of BES Actions with 'Custom Action' in the name. Version 7.0+
analysis flag of <bes filter>	*Plain*	<boolean>	Returns TRUE if the specified BES Filter was designed for finding Analyses. Version 7.0+
analysis set of <bes filter>	*Plain*	<bes fixlet set>	Returns a filtered set of Analyses. Given an Analysis filter that specifies "Visibility equals Visible", this Inspector returns only the set of BES Analyses that are visible. Version 7.0+
baseline flag of <bes filter>	*Plain*	<boolean>	Returns TRUE if the specified BES Filter was designed for finding Baselines. Version 7.0+

Key Phrase	*Form*	Return Type	Description
baseline set of <bes filter>	*Plain*	<bes fixlet set>	Returns a filtered set of Baselines. Given a Baseline filter that specifies "Visibility equals Visible", this Inspector returns only the set of BES Baselines that are visible. Version 7.0+
computer flag of <bes filter>	*Plain*	<boolean>	Returns TRUE if the specified BES Filter was designed for finding computers. Version 7.0+
computer group set of <bes filter>	*Plain*	<bes fixlet set>	Returns a filtered set of computer groups. Given a computer group filter that specifies "Name contains 'test'", this Inspector returns the set of computer groups that have 'test' in their name. Version 7.0+
computer set of <bes filter>	*Plain*	<bes computer set>	Returns a filtered set of Computers. Given a Computer filter that specifies "OS contains 'Win'", this Inspector returns the set of Windows Computers. Version 7.0+
domain of <bes filter>	*Plain*	<bes domain>	Returns the BES domain where the specified BES filter(s) were created. Version 8.0+
fixlet flag of <bes filter>	*Plain*	<boolean>	Returns TRUE if the specified BES Filter was designed for finding Computers. Version 7.0+
fixlet set of <bes filter>	*Plain*	<bes fixlet set>	Returns a filtered set of Fixlets. Given a Fixlet filter that specifies "Visibility equals Globally Hidden", this Inspector returns only the set of BES Fixlets that are globally hidden. Version 7.0+
group flag of <bes filter>	*Plain*	<boolean>	Returns TRUE if the specified BES Filter was designed for finding computer groups. Version 7.0+
id of <bes filter>	*Plain*	<integer>	Returns the numeric ID unique to the specified BES filter. Version 7.0+
join by intersection flag of <bes filter>	*Plain*	<boolean>	Returns TRUE if the various find properties are intersected (included with ALL properties) in the specified filter. Version 7.0+
name of <bes filter>	*Plain*	<string>	Returns the name of the specified BES filter. Version 7.0+
private flag of <bes filter>	*Plain*	<boolean>	Returns TRUE if the specified BES filter is marked as private. Version 7.0+

Key Phrase	*Form*	Return Type	Description
set of <bes filter>	*Plain*	<bes filter set>	Converts the specified BES Filter list to a set that can be arithmetically manipulated. Version 7.0+
task flag of <bes filter>	*Plain*	<boolean>	Returns TRUE if the specified BES Filter was designed for finding Tasks. Version 7.0+
task set of <bes filter>	*Plain*	<bes fixlet set>	Returns a filtered set of Tasks. Given a Task filter that specifies "Visibility equals Locally Hidden", this Inspector returns only the set of BES Tasks that are locally hidden. Version 7.0+
unique value of <bes filter>	*Plain*	<bes filter with multiplicity>	Returns the unique values of a given list of <bes filter> types, removing duplicates and sorting by value. Version 7.1+
unmanagedasset flag of <bes filter>	*Plain*	<boolean>	Returns TRUE if the specified BES Filter was designed for finding Unmanaged Assets. Version 7.0+
user flag of <bes filter>	*Plain*	<boolean>	Returns TRUE if the specified BES Filter was designed for finding Users. Version 7.0+
user set of <bes filter>	*Plain*	<bes user set>	Returns a filtered set of Console Operators. Given a Console Operator filter that specifies "Name contains Joe", this Inspector returns only the set of Console Operators named Joe. Version 7.0+

Operators

Key phrase	Return Type	Description
<bes filter set> contains <bes filter>	<*boolean*>	Returns TRUE if the specified filter set contains the given filter. Version 7.0+
<bes filter> = <bes filter>	<*boolean*>	Compares two BES Filter types and returns TRUE if they are equal. Version 7.1+

Examples

- `names of bes filters`

  Returns a list of the currently defined BES Filters used in the Find (ctrl-F) commands.

- `name of bes filter 2`

  Returns the name of the second BES Filter (a saved Find command).

- `size of (action set of bes filters)`
  - Returns the number of BES Filters that were designed for finding Actions.

- `size of (set of bes filters)`
  - Returns the current number of defined and saved BES find filters.

BES Filter Set

These Inspectors return the iterated list of BES Filters, converted into a set to make it easy to do set arithmetic with the list.

Creation Methods

Key Phrase	*Form*	Description
bes filter set	*PlainGlobal*	An iteration over the BES filters, represented as a mathematical set. Version 7.0+
filter set of <bes domain>	*Plain*	Returns all the custom filters (as a set) that have been created in the specified BES Domain. Version 8.0+
intersection of <bes filter set>	*Plain*	Returns the intersection of multiple BES filter sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+
set of <bes filter>	*Plain*	Creates a set from an iterated list of BES filters. This can be subjected to arithmetic set operations such as union and intersection. Version 7.0+
union of <bes filter set>	*Plain*	Returns the union of multiple BES filter sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
element of <bes filter set>	*Plain*	<bes filter>	Returns the unique elements of the specified <bes filter set>, removing duplicates and sorting by value. Version 7.0+
intersection of <bes filter set>	*Plain*	<bes filter set>	Returns the intersection of multiple BES filter sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+

Key Phrase	*Form*	Return Type	Description
size of <bes filter set>	*Plain*	<integer>	Returns the number of unique BES Filters in the specified set. Version 7.0+
union of <bes filter set>	*Plain*	<bes filter set>	Returns the union of multiple BES filter sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 7.0+

Operators

Key phrase	Return Type	Description
<bes filter set> {op} <bes filter set>	*<bes filter set>*	Operates on two sets of BES filters, where {op} is one of: -, *, + or 'contains'. Minus subtracts the elements of one set from the other, multiply performs an intersection, plus performs a union and 'contains' find subsets. Version 7.0+
<bes filter set> = <bes filter set>	*<boolean>*	Compares two sets of BES filters for equivalence. Version 7.0+
<bes filter set> contains <bes filter set>	*<boolean>*	Returns TRUE if the first filter set contains the second. Version 7.0+
<bes filter set> contains <bes filter>	*<boolean>*	Returns TRUE if the specified filter set contains the given filter. Version 7.0+

BES Filter with Multiplicity

These Inspectors deal with arrays of BES filters, allowing you to extract unique filters and count them.

Type Derivation: This object type is derived from the <bes filter> type and therefore shares the same properties as that type.

Creation Methods

Key Phrase	*Form*	Description
unique value of <bes filter>	*Plain*	Returns the unique values of a given list of <bes filter> types, removing duplicates and sorting by value. Version 7.1+

Properties

Key Phrase	*Form*	Return Type	Description
multiplicity of <bes filter with multiplicity>	*Plain*	<integer>	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <bes filter> types. Version 7.1+

BES Unmanagedasset

These Inspectors provide access to externally sourced data, such as that resulting from Nmap scans on client computers. The results, such as OS, Device Type, Network Card Vendor, and Open Ports, are uploaded to the BES Server for storage and analysis. These Inspectors provide a way to monitor and report on mobile or hand-held devices that are not traditional BES Clients, but instead use "microAgents" to report their status. For more information on currently supported devices, consult the BigFix support pages.

Creation Methods

Key Phrase	*Form*	Description
asset of <bes unmanagedasset field>	*Plain*	Returns an asset (containing a name / value pair) from the specified BES unmanaged asset field. Version 7.0+
bes unmanagedasset	*PlainGlobal*	Returns a list of all the Unmanaged Assets currently defined in BES. Version 7.0+
current unmanagedasset	*PlainGlobal*	Returns the unmanaged asset that is currently selected in the BES Console from the right-click context menu under the Unmanaged Assets tab. This Inspector is designed to assist you in the creation of extended Context Menu applications. Version 7.0+
element of <bes unmanagedasset set>	*Plain*	Returns the elements of the specified set of BES Unmanaged Assets. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
client installed flag of <bes unmanagedasset>	*Plain*	<boolean>	Returns TRUE if the specified unmanaged asset is running the BES Client. Version 7.0+

Key Phrase	*Form*	Return Type	Description
field of <bes unmanagedasset>	*Plain*	<bes unmanagedasset field>	Returns a list of the fields from the specified BES Unmanaged Asset. Version 7.0+
id of <bes unmanagedasset>	*Plain*	<integer>	Returns the unique numeric ID of the given unmanaged asset. Version 7.0+
link <html> of <bes unmanagedasset>	*Index<html>*	<html>	Returns an HTML string containing an <A> tag including the supplied HTML description that, when clicked, will open the specified unmanaged asset (in the BES Console) or its description page (in Web Reports). Version 7.0+
link <string> of <bes unmanagedasset>	*Named*	<html>	Returns an HTML string containing an <A> tag including the supplied descriptive string that, when clicked, will open the specified unmanaged asset (in the BES Console) or its description page (in Web Reports). Version 7.0+
link href of <bes unmanagedasset>	*Plain*	<string>	The link href property does not return an <A> tag but rather returns the value of the href attribute of the <A> tag that would be constructed by the other link inspectors. This allows you to create more flexible linking formats. (See link of <bes unmanaged asset>). Note that link href returns a normal string, not an HTML string. Version 7.0+
link of <bes unmanagedasset>	*Plain*	<html>	Returns an HTML string containing an <A> tag that when clicked will open the specified BES unmanaged asset document (in the BES Console) or its description page (in Web Reports). Version 7.0+
set of <bes unmanagedasset>	*Plain*	<bes unmanagedasset set>	Returns a set generated from the iterated list of unmanaged assets. This can be subjected to arithmetic set operations such as union and intersection. Version 8.0+
source of <bes unmanagedasset>	*Plain*	<string>	Returns the source of the specified Unmanaged Asset as a string value. Version 7.0+
unique value of <bes unmanagedasset>	*Plain*	<bes unmanagedasset with multiplicity>	Returns the unique values and counts of the specified BES Unmanaged Assets. Version 8.0+

Operators

Key phrase	Return Type	Description
<bes unmanagedasset> = <bes unmanagedasset>	*<boolean>*	Returns TRUE if the two provided unmanaged assets are equal. Version 8.0+

Examples

- `(values of fields whose (name of it is "Hostname")) of bes unmanagedassets whose (not client installed flag of it)`

  Returns the hostnames of all devices that are running windows but are not running the BES Client.

- `(name of it & " - " & value of it) of fields of bes unmanagedasset whose (id of it is 55)`

  Outputs a list of name/value pairs for each field in the specified BES Unmanaged Asset, for instance:

- IP Address - 10.10.42.1
- Hostname - Donald.

BES Unmanagedasset Field

These Inspectors provide authors with access to the individual fields of various unmanaged assets. Each field consists of a name / value pair, analogous to BES properties. There are three types of fields:

- IdentifyingField: Each asset must have one IdentifyingField, such as a MAC Address, which is used to identify and correlate different reports from the same asset.
- FilterableField: These are displayed in the Console in both the Unmanaged Asset list and the unmanaged asset document, allowing sorting and filtering.
- NonFilterable: These are only displayed in the Unmanaged Assets document, and typically return a large amount of data, such as a list of vulnerabilities.

Creation Methods

Key Phrase	*Form*	Description
field of <bes unmanagedasset>	*Plain*	Returns a list of the fields from the specified BES Unmanaged Asset. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
asset of <bes unmanagedasset field>	*Plain*	<bes unmanagedasset>	Returns an asset (containing a name / value pair) from the specified BES unmanaged asset field. Version 7.0+

Key Phrase	*Form*	Return Type	Description
editable flag of <bes unmanagedasset field>	*Plain*	<boolean>	Returns TRUE if the specified BES Unmanaged Asset is editable. Version 7.0+
filterable flag of <bes unmanagedasset field>	*Plain*	<boolean>	Returns TRUE if the specified asset field is filterable. Fields that are filterable will show up in the Unmanaged Assets list, allowing you to sort and filter them. Version 7.0+
name of <bes unmanagedasset field>	*Plain*	<string>	Returns the name of the specified BES unmanaged asset field. Version 7.0+
value of <bes unmanagedasset field>	*Plain*	<string>	Returns the value (as a <string>) of the specified BES Unmanaged Asset field. Version 7.0+

Examples

- `(name of it & " - " & value of it) of fields of bes unmanagedasset whose (id of it is 55)`

  Outputs a list of name/value pairs for each field in the specified BES Unmanaged Asset, for instance:

- IP Address - 10.10.42.1
- Hostname - Donald.

BES Unmanagedasset Set

These Inspectors iterate over the BES unmanaged assets and return a set of such assets.

Creation Methods

Key Phrase	*Form*	Description
bes unmanagedasset set	*PlainGlobal*	Returns a set of all BES Unmanaged Assets. Version 8.0+
intersection of <bes unmanagedasset set>	*Plain*	Returns the intersection set derived from the specified set of BES Unmanaged Assets. Version 8.0+
set of <bes unmanagedasset>	*Plain*	Creates a set from an iterated list of unmanaged assets. This can be subjected to arithmetic set operations such as union and intersection. Version 8.0+
union of <bes unmanagedasset set>	*Plain*	Returns the union (as a set) derived from the specified set of BES Unmanaged Assets. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
element of <bes unmanagedasset set>	*Plain*	<bes unmanagedasset>	Returns the elements of the specified set of BES Unmanaged Assets. Version 8.0+
intersection of <bes unmanagedasset set>	*Plain*	<bes unmanagedasset set>	Returns the intersection set derived from the specified set of BES Unmanaged Assets. Version 8.0+
size of <bes unmanagedasset set>	*Plain*	<integer>	Returns the number of unique unmanaged assets in the specified set. Version 8.0+
union of <bes unmanagedasset set>	*Plain*	<bes unmanagedasset set>	Returns the union (as a set) derived from the specified set of BES Unmanaged Assets. Version 8.0+

Operators

Key phrase	Return Type	Description
<bes unmanagedasset set> {op} <bes unmanagedasset set>	*<bes unmanagedasset set>*	Operates on two sets of BES unmanaged assets, where {op} is one of: -, *, + or 'contains'. Minus subtracts the elements of one set from the other, multiply performs an intersection, plus performs a union and 'contains' find subsets. Version 8.0+
<bes unmanagedasset set> = <bes unmanagedasset set>	*<boolean>*	Returns TRUE if the two provided sets of unmanaged assets are equal. Version 8.0+

BES Unmanagedasset with Multiplicity

These Inspectors deal with arrays of BES unmanaged assets, allowing you to extract unique properties and count them.

Type Derivation: This object type is derived from the <bes unmanagedasset> type and therefore shares the same properties as that type.

Creation Methods

Key Phrase	*Form*	Description
unique value of <bes unmanagedasset>	*Plain*	Returns the unique values and counts of the specified BES Unmanaged Assets. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
multiplicity of <bes unmanagedasset with multiplicity>	*Plain*	<integer>	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <bes unmanagedasset> types. Version 8.0+

BES Site

The site Inspectors return the names and IDs of the specified site objects. As of BES 7.0, the BES custom site type has been merged with BES site, which now represents all supported types, including external sites, master action sites, operator sites, and custom sites. All properties of BES custom site are now accessible via BES site. As a compatibility measure, BES sites still returns only external and master action sites.

Creation Methods

Key Phrase	*Form*	Description
action site of <bes user>	*Plain*	If the user is a master operator, this Inspector returns the Master Action site. Otherwise, it returns the operator site of the user. For example, "number of subscribed computers of action site of current console user". Version 8.0+
all bes site	*PlainGlobal*	This iterative Inspector returns a list of all external, master, operator, and custom sites. Version 7.0+
bes custom site	*PlainGlobal*	Returns a list of all custom sites. Deprecated as of version 7.0; instead use "all bes sites whose (custom site flag of it)". Version 7.0+
bes site	*PlainGlobal*	Returns a list of all the BES sites.
current bes site	*PlainGlobal*	Returns the site that is the source of the current relevance evaluation. Items in a site that can evaluate relevance include Fixlet messages, Tasks, Baselines, Analyses, Wizards and Dashboards. Version 8.0+
custom site of <bes domain>	*Plain*	Returns all the custom sites that have been created in the specified BES domain. Version 8.0+
custom site of <bes fixlet>	*Plain*	If the specified Fixlet message resides in a custom site, this Inspector returns the corresponding site object. Version 7.0+
element of <bes site set>	*Plain*	Returns the elements of the specified set of BES sites. Version 8.0+

Key Phrase	*Form*	Description
operator site of <bes user>	*Plain*	This Inspector returns the BES site object for the given (non-master) user. If the user is a Master Operator, this Inspector will throw NoSuchObject. Version 8.0+
site of <bes computer group>	*Plain*	Returns the site corresponding to the specified BES Computer Group. Version 7.0+
site of <bes fixlet>	*Plain*	Returns the <bes site> object which contains the specified fixlet.
site of <bes wizard>	*Plain*	Returns the site corresponding to the specified BES Wizard. Version 7.0+
subscribed site of <bes computer>	*Plain*	Returns a list of the BES sites subscribed to by the specified BES computer. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
creation date of <bes site>	*Plain*	<time>	Depending on the type of the BES site, this inspector returns the creation date: • External and Master sites: Does not exist (added in version 7.0). • Operator sites: The <moment> when the operator was created (added in version 7.0). • Custom sites: The <moment> when the site was created. Version 7.0+
creator of <bes site>	*Plain*	<bes user>	Returns the <bes user> who created the specified custom site. Does not exist for External, Master or Operator sites. Version 7.0+
custom site flag of <bes site>	*Plain*	<boolean>	Returns TRUE if and only if the specified site is a custom site. Version 7.0+
description of <bes site>	*Plain*	<string>	For a custom site, this is the description of the site that was specified by the creator. For External, Master or Operator sites, the description does not exist. Version 7.0+

Key Phrase	*Form*	Return Type	Description
display name of <bes site>	*Plain*	<string>	Beginning with version 7.1, a custom site can specify a display name that's different from the site name in the masthead. This inspector returns the display name; for the masthead name, use name of <bes site>. Version 7.1+
domain of <bes site>	*Plain*	<bes domain>	A domain is attached to a BES site when one is created. This Inspector returns the domain associated with the specified site. Version 8.0+
domain set of <bes site>	*Plain*	<bes domain set>	Returns domains (as a set) related to the specified BES site. Version 8.0+
explicit owner of <bes site>	*Plain*	<bes user>	Returns a list of BES users that have been granted ownership of the specified site. Notice that the creator of this site is not included in the owner list. • Note: This is a Console-only Inspector. Version 7.1+
explicit owner set of <bes site>	*Plain*	<bes user set>	Returns the set of BES users who are owners (an iterated list) of the specified BES site. Version 7.1+
explicit reader of <bes site>	*Plain*	<bes user>	Returns a list of BES users that have been granted reading privileges on the specified site. Notice that the creator, owners (unless explicitly added) and writers of this site are not included in this reader list. • Note: This is a Console-only Inspector. Version 7.1+
explicit reader set of <bes site>	*Plain*	<bes user set>	Returns the set of BES users who have read rights (the iterated list) on the specified BES custom site. Version 7.1+
explicit writer of <bes site>	*Plain*	<bes user>	Returns a list of BES users that have been granted writing privileges on the specified site. Notice that the creator and owners (unless explicitly added) of this site are not included in this reader list. • Note: This is a Console-only Inspector. Version 7.1+
explicit writer set of <bes site>	*Plain*	<bes user set>	Returns the set of BES users who have write permissions (as an iterated list) on the specified BES site. Version 7.1+
external site flag of <bes site>	*Plain*	<boolean>	Returns TRUE if and only if the specified site is an external site. Version 7.0+
fixlet <integer> of <bes site>	*Numbered*	<bes fixlet>	Returns the Fixlet with the specified ID from the given BES site.

Key Phrase	*Form*	Return Type	Description
fixlet of <bes site>	*Plain*	<bes fixlet>	Returns a list all of the Fixlet objects in the given BES site.
fixlet set of <bes site>	*Plain*	<bes fixlet set>	Returns the set of Fixlets that are associated with the specified BES Site. Version 7.0+
globally readable flag of <bes site>	*Plain*	<boolean>	The value of the globally readable flag depends on the type of site: • External sites: True if and only if the site has been marked as readable by all users. • Master sites: True. • Operator sites: False. • Custom sites: True if and only if the site has been marked as readable by all users. Version 7.0+
id of <bes site>	*Plain*	<integer>	Returns the numeric ID unique to the specified BES site.
master site flag of <bes site>	*Plain*	<boolean>	Returns TRUE if and only if the specified site is a master site. Version 7.0+
name of <bes site>	*Plain*	<string>	Returns the name of the specified BES site (undecorated).
operator site flag of <bes site>	*Plain*	<boolean>	Returns TRUE if and only if the specified site is an operator site. Version 7.0+
owner flag <bes user> of <bes site>	*Index<bes user>*	<boolean>	This Inspector is deprecated as of Version 7.0. Instead use "exists owner of <bes site> whose (it = <bes user>)". Version 7.0+
owner of <bes site>	*Plain*	<bes user>	Returns a list of BES users that have been granted ownership of the specified site. Notice that the creator of this site is not included in the owner list. • Note: This is a Console-only Inspector. Version 7.0+
owner set of <bes site>	*Plain*	<bes user set>	Returns the set of BES users who are owners (an iterated list) of the specified BES site. Version 7.0+
reader of <bes site>	*Plain*	<bes user>	Returns a list of BES users that have been granted reading privileges on the specified site. Notice that the creator, owners (unless explicitly added) and writers of this site are not included in this reader list. • Note: This is a Console-only Inspector. Version 7.0+

Key Phrase	*Form*	Return Type	Description
reader set of <bes site>	*Plain*	<bes user set>	Returns the set of BES users who have read rights (the iterated list) on the specified BES custom site. Version 7.0+
set of <bes site>	*Plain*	<bes site set>	Returns a set generated from the iterated list of BES Sites. This can be subjected to arithmetic set operations such as union and intersection. Version 8.0+
subscribed <bes computer> of <bes site>	*Index<bes computer>*	<boolean>	Returns TRUE if the given computer is subscribed to the given BES site. Version 8.0+
subscribed computer of <bes site>	*Plain*	<bes computer>	Returns the list of computers that are subscribed to the specified BES site. Version 7.0+
subscribed computer set of <bes site>	*Plain*	<bes computer set>	Returns the list of computers that are subscribed to the specified BES site. The list is formatted as a mathematical set for easier manipulation. Version 7.0+
subscription mode of <bes site>	*Plain*	<string>	Returns the subscription mode for custom sites and external sites. The subscription mode is one of the following: • All: all computers are subscribed • None: no computers are subscribed • AdHoc: computers are subscribed via ad-hoc custom site subscription actions • Custom: computers are subscribed via a list of conditions. Version 8.0+
tag of <bes site>	*Plain*	<string>	The site tag is used as an identifier for sites and is used to build the site's URL. Version 8.0+
unique value of <bes site>	*Plain*	<bes site with multiplicity>	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <bes site> types. Version 8.0+
url of <bes site>	*Plain*	<string>	Returns the gather URL for a given BES site. For example, the gather URL for BES Support is http://sync.bigfix.com/cgi-bin/bfgather/bessupport. Version 8.0+
version of <bes site>	*Plain*	<integer>	Returns the version of an external site. Does not apply to custom sites. Version 8.0+
wizard of <bes site>	*Plain*	<bes wizard>	Returns the Wizards associated with the specified BES site. Version 8.0+

Key Phrase	*Form*	Return Type	Description
wizard set of <bes site>	*Plain*	<bes wizard set>	Returns the Wizards (as a set) associated with the specified BES site. Version 8.0+
writer of <bes site>	*Plain*	<bes user>	Returns a list of BES users that have been granted writing privileges on the specified site. Notice that the creator and owners (unless explicitly added) of this site are not included in this reader list. • Note: This is a Console-only Inspector. Version 7.0+
writer set of <bes site>	*Plain*	<bes user set>	Returns the set of BES users who have write permissions (as an iterated list) on the specified BES site. Version 7.0+

Operators

Key phrase	Return Type	Description
<bes site> = <bes site>	*<boolean>*	Returns TRUE if the two provided BES sites are equal. Version 8.0+

Examples

- `display name of bes site whose (name of it = "Enterprise Security")`
- Returns "Patches for Windows.".

BES Wizard

These are Console-only Inspectors that return a list of the available BES Wizards.

Creation Methods

Key Phrase	*Form*	Description
bes wizard	*PlainGlobal*	Returns a list of all the available BES Wizards. • Note: This is a Console-only Inspector.
current wizard	*PlainGlobal*	If this Inspector is being evaluated in the context of a Wizard, then it returns the corresponding <bes wizard> object.
element of <bes wizard set>	*Plain*	Returns the BES Wizards that constitute the elements of the specified set. Version 8.0+
wizard of <bes site>	*Plain*	Returns the Wizards associated with the specified BES site. Version 8.0+

Key Phrase	*Form*	Description
wizard of <bes wizard variable>	*Plain*	Returns the <bes wizard> object to which the specified variable belongs. You can use "dashboard id of wizard of <bes wizard variable>" to get the correct dashboard id to use with the Store/DeleteVariable script functions (private variables are CONSOLE only). Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
charset of <bes wizard>	*Plain*	<string>	Returns the charset that should be used when displaying the specified Wizard.
dashboard id of <bes wizard>	*Plain*	<string>	Returns an ID that can be used by Dashboards/Wizards to unambiguously identify stored variables. Version 7.0+
database id of <bes wizard>	*Plain*	<integer>	In the Web Reports environment, this Inspector returns the numeric ID of the database in which this BES Wizard resides.
database name of <bes wizard>	*Plain*	<string>	Returns the name (as a string) of the database containing the specified BES Wizard.
default page name of <bes wizard>	*Plain*	<string>	Returns the name of the first page to display when launching the specified Wizard.
dialog flag of <bes wizard>	*Plain*	<boolean>	Returns TRUE if the specified Wizard launches in a dialog box.
display name of <bes wizard>	*Plain*	<string>	Returns the name of the specified BES Wizard as translated into the current language. Version 8.0+
document flag of <bes wizard>	*Plain*	<boolean>	Returns TRUE if the specified Wizard launches in an MDI document window.
link <html> of <bes wizard>	*Index<html>*	<html>	Returns an HTML string containing an <A> tag including the supplied HTML description that, when clicked, will open the specified Wizard. • Note: This is a Console-only Inspector.
link <string> of <bes wizard>	*Named*	<html>	Returns an HTML string containing an <A> tag including the supplied descriptive string that, when clicked, will open the specified Wizard. • Note: This is a Console-only Inspector.

Key Phrase	*Form*	Return Type	Description
link href of <bes wizard>	*Plain*	<string>	The link href property does not return an <A> tag but rather returns the value of the href attribute of the <A> tag that would be constructed by the other link inspectors. This allows you to create more flexible linking formats. (See link of <bes wizard>). Notice that link href returns a normal string, not an HTML string. • Note: This is a Console-only Inspector.
link of <bes wizard>	*Plain*	<html>	Returns an HTML string containing an <A> tag that when clicked will open the specified Wizard. • Note: This is a Console-only Inspector.
menu path of <bes wizard>	*Plain*	<string>	Returns the path of the menu containing the menu item that launches the specified Wizard.
name of <bes wizard>	*Plain*	<string>	Returns the name of the specified BES Wizard. • Note: This is a Console-only Inspector.
navbar name of <bes wizard>	*Plain*	<string>	Returns the name of the specified BES Wizard as listed in the Navigation Bar.
pre60 flag of <bes wizard>	*Plain*	<boolean>	Returns TRUE if this wizard is an "old" (prior to version 6.0) style of Wizard.
private variable <string> of <bes wizard>	*Named*	<string>	Returns a string containing the value of the named private variable for the given BES Wizard. Version 7.0+
private variable of <bes wizard>	*Plain*	<bes wizard variable>	Iterates over all the variables for a Wizard, returning a <bes wizard variable> type for each private variable. Private variables are Console-only. Version 7.0+
requires authoring flag of <bes wizard>	*Plain*	<boolean>	Returns TRUE if access to the specified Wizard requires that the user have the 'Authoring' bit set in their credentials.
set of <bes wizard>	*Plain*	<bes wizard set>	Returns a set generated from the iterated list of BigFix Wizards. This can be subjected to arithmetic set operations such as union and intersection. Version 8.0+
shared variable <string> of <bes wizard>	*Named*	<string>	Returns a string containing the value of the named public or shared variable for the given BES Wizard. Version 7.0+
shared variable of <bes wizard>	*Plain*	<bes wizard variable>	Iterates over all the variables for a Wizard, returning a <bes wizard variable> type for each shared variable. Version 7.0+
site of <bes wizard>	*Plain*	<bes site>	Returns the site hosting the specified BES Wizard. Version 7.0+

Key Phrase	*Form*	Return Type	Description
unique value of <bes wizard>	*Plain*	<bes wizard with multiplicity>	Returns the unique values and counts of the specified BES Wizards. Version 8.0+
url of <bes wizard>	*Plain*	<string>	Returns the URL of the specified Wizard. For ordinary Wizards, this is of the form "siteid:<id>,<filename>", but for Wizards that were added using the "Debug->Load Wizard..." dialog this is of the form "file:///<fullpath>".
variable of <bes wizard>	*Plain*	<bes wizard variable>	Iterates over all the variables for a Wizard, returning a <bes wizard variable> type for each variable. Version 7.0+

Operators

Key phrase	Return Type	Description
<bes wizard> = <bes wizard>	<*boolean*>	Returns TRUE if the two specified BES Wizards are the same. Version 8.0+

Examples

- `links (h1 of name of it) of bes wizards`

  Returns a list of HTML strings, each with an HTML link named for the Wizard and formatted as a header (h1).

- `links (name of it & "(" & dialog flag of it as string & ")") of bes wizards`

  Returns an HTML string that will print the name and dialog flag of the Wizard inside a clickable <A> tag.

- `(br & html "Click <A href='" & link href of it & html "'>here</A> to open wizard " & name of it as string) of bes wizards`

  Returns an html string such as 'Click here to open wizard Windows Registry Wizard' that, when clicked, will open the corresponding Wizard.

BES Wizard Variable

These are Console-only Inspectors that return a list of the available BES Wizard variables.

Creation Methods

Key Phrase	*Form*	Description
private variable of <bes wizard>	*Plain*	Iterates over all the variables for a Wizard, returning a <bes wizard variable> type for each private variable. Private variables are Console-only. Version 7.0+
shared variable of <bes wizard>	*Plain*	Iterates over all the variables for a Wizard, returning a <bes wizard variable> type for each shared variable. Version 7.0+
variable of <bes wizard>	*Plain*	Iterates over all the variables for a Wizard, returning a <bes wizard variable> type for each variable. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
name of <bes wizard variable>	*Plain*	<string>	Returns the name of the specified Wizard variable. Version 7.0+
private flag of <bes wizard variable>	*Plain*	<boolean>	Returns the private flag of the given <bes wizard variable> (private vars are CONSOLE only). Version 7.0+
value of <bes wizard variable>	*Plain*	<string>	Returns the value of the given BES Wizard variable. Version 7.0+
wizard of <bes wizard variable>	*Plain*	<bes wizard>	Returns the <bes wizard> object to which the specified variable belongs. You can use "dashboard id of wizard of <bes wizard variable>" to get the correct dashboard id to use with the Store/DeleteVariable script functions (private variables are CONSOLE only). Version 7.0+

BES Wizard Set

These Inspectors iterate over the BES Wizards and return a set of such wizards.

Creation Methods

Key Phrase	*Form*	Description
bes wizard set	*PlainGlobal*	Returns a set of all BES Wizards. Version 8.0+
intersection of <bes wizard set>	*Plain*	Returns the intersection of multiple BES Wizard sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 8.0+
set of <bes wizard>	*Plain*	Creates a set from an iterated list of BigFix Wizards. This can be subjected to arithmetic set operations such as union and intersection. Version 8.0+
union of <bes wizard set>	*Plain*	Returns the union (as a set) derived from the specified set of BES Wizards. Version 8.0+
wizard set of <bes site>	*Plain*	Returns the Wizards (as a set) associated with the specified BES site. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
element of <bes wizard set>	*Plain*	<bes wizard>	Returns the BES Wizards that constitute the elements of the specified set. Version 8.0+
intersection of <bes wizard set>	*Plain*	<bes wizard set>	Returns the intersection of multiple BES Wizard sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 8.0+
size of <bes wizard set>	*Plain*	<integer>	Returns the number of unique BES Wizards in the specified set. Version 8.0+
union of <bes wizard set>	*Plain*	<bes wizard set>	Returns the union (as a set) derived from the specified set of BES Wizards. Version 8.0+

Operators

Key phrase	Return Type	Description
<bes wizard set> {op} <bes wizard set>	*<bes wizard set>*	Operates on two sets of BES sites, where {op} is one of: -, *, + or 'contains'. Minus subtracts the elements of one set from the other, multiply performs an intersection, plus performs a union and 'contains' find subsets. Version 8.0+
<bes wizard set> = <bes wizard set>	*<boolean>*	Returns TRUE if the two specified BES Wizard sets are the same. Version 8.0+
<bes wizard set> contains <bes wizard set>	*<boolean>*	Returns TRUE if the first set of BES Wizards contains all of the elements of the second set. Version 8.0+
<bes wizard set> contains <bes wizard>	*<boolean>*	Returns TRUE if the specified set of BES Wizards contains all of the following wizard. Version 8.0+

BES Wizard with Multiplicity

These Inspectors deal with arrays of BES Wizards, allowing you to extract unique properties and count them.

Type Derivation: This object type is derived from the <bes wizard> type and therefore shares the same properties as that type.

Creation Methods

Key Phrase	*Form*	Description
unique value of <bes wizard>	*Plain*	Returns the unique values and counts of the specified BES Wizards. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
multiplicity of <bes wizard with multiplicity>	*Plain*	<integer>	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <bes wizard> types. Version 8.0+

BES Wakeonlan Status

These Windows Inspectors return the status of the BES WakeOnLan feature.

Creation Methods

Key Phrase	*Form*	Description
bes wakeonlan status	*PlainGlobal*	Returns the current BES WakeOnLan status. Version 7.1+

Properties

Key Phrase	*Form*	Return Type	Description
database id of <bes wakeonlan status>	*Plain*	<integer>	Returns the integer ID corresponding to the Database with WoL. Version 7.1+
database name of <bes wakeonlan status>	*Plain*	<string>	Returns the name(s) corresponding to the Database with WoL. Version 7.1+
enabled of <bes wakeonlan status>	*Plain*	<boolean>	Returns TRUE if the BES WakeOnLan status is currently enabled. Version 7.1+

Examples

- `(database id of it, enabled of it) of bes wakeonlan statuses`

Returns a list of database IDs and the WoL status for each, such as:

- 1, True
- 2, False.

BES Deployment Option

These options allow you to customize the behavior of your BES deployment. They are set by the system administrator in the BES Admin Tool, under the Advanced Options tab.

Creation Methods

Key Phrase	*Form*	Description
bes deployment option	*PlainGlobal*	Returns the current deployment options as listed in the BES Admin Tool, under the Advanced Options tab. You can add your own name/value pairs to this list. Version 7.0+
bes deployment option <string>	*NamedGlobal*	Returns the value associated with the deployment option named by the <string>. Version 7.0+

Properties

Key Phrase	*Form*	Return Type	Description
database id of <bes deployment option>	*Plain*	<integer>	In the Web Reports environment, this Inspector returns the numeric ID of the database in which this BES deployment option resides. Version 7.0+
database name of <bes deployment option>	*Plain*	<string>	In the Web Reports environment, this Inspector returns the name of the database containing the specified BES deployment option. Version 7.0+
name of <bes deployment option>	*Plain*	<string>	Returns the name of the specified BES deployment option. Version 7.0+
value of <bes deployment option>	*Plain*	<string>	Returns the <string> value reported by this computer for the specified BES deployment option(s). Version 7.0+

Examples

- `(name of it, value of it) of bes deployment options`

  Returns a list of the names and values of the current BES deployment options.

BES Domain

BES Domains are collections of sites that constitute a product, such as Patch Management. In the BES Console, domains are represented as the high-level buttons on the left side of the screen. Listing the domains for the Console yields all the currently loaded domains. In Web Reports, only those domains with at least one visible report are listed.

Creation Methods

Key Phrase	*Form*	Description
bes domain	*PlainGlobal*	Creates a BES Domain object. Version 8.0+
bes domain <string>	*NamedGlobal*	Creates a BES Domain object with the specified name. Version 8.0+
current domain	*PlainGlobal*	Returns the currently viewed domain. The result of this inspector depends on where it's used. If it is used from a domain spec, then it returns the domain of the spec. If it is used in a custom Fixlet document, it returns the tagged domain of the Fixlet. Version 8.0+

Key Phrase	*Form*	Description
domain of <bes action>	*Plain*	Returns the BES domain that includes the specified BES Action. Version 8.0+
domain of <bes computer group>	*Plain*	Returns the BES domain where the specified computer groups were created. Version 8.0+
domain of <bes filter>	*Plain*	Returns the BES domain where the specified filters were created. Version 8.0+
domain of <bes fixlet>	*Plain*	Returns the BES domain where the specified fixlets were created. Version 8.0+
domain of <bes site>	*Plain*	Returns the BES domain where the specified sites were created. Version 8.0+
element of <bes domain set>	*Plain*	Returns the unique elements of the specified <bes domain set>, removing duplicates and sorting by value. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
action of <bes domain>	*Plain*	<bes action>	Returns all the Actions that have been created in the specified BES Domain. Version 8.0+
action set of <bes domain>	*Plain*	<bes action set>	Returns all the Actions (as a set) that have been created in the specified BES Domain. Version 8.0+
computer group of <bes domain>	*Plain*	<bes computer group>	Returns the computer groups associated with the specified BES Domain. Version 8.0+
computer group set of <bes domain>	*Plain*	<bes computer group set>	Returns the computer groups associated with the specified BES Domain as a set. Version 8.0+
custom fixlet of <bes domain>	*Plain*	<bes fixlet>	Returns all custom fixlets that have been created in the specified BES domain. Version 8.0+
custom fixlet set of <bes domain>	*Plain*	<bes fixlet set>	Returns all custom fixlets (as a set) that have been created in the specified BES domain. Version 8.0+
custom site of <bes domain>	*Plain*	<bes site>	Returns all the custom sites that have been created in the specified BES domain. Version 8.0+

Key Phrase	*Form*	Return Type	Description
custom site set of <bes domain>	*Plain*	<bes site set>	Returns all the custom sites (as a set) that have been created in the specified BES domain. Version 8.0+
display name of <bes domain>	*Plain*	<string>	Returns the name of the specified BES Domain, as translated into the target language. If you want to get the Japanese name of the specified domain, use this Inspector instead of the 'name' Inspector. Version 8.0+
filter of <bes domain>	*Plain*	<bes filter>	Returns all the custom filters that have been created in the specified BES domain. Version 8.0+
filter set of <bes domain>	*Plain*	<bes filter set>	Returns all the custom filters (as a set) that have been created in the specified BES domain. Version 8.0+
id of <bes domain>	*Plain*	<string>	Returns a string containing the four letter ID of the specified BES domain. Version 8.0+
link <html> of <bes domain>	*Index<html>*	<html>	Returns an HTML snippet that will navigate to the specified BES Domain, using the html as the link body. Version 8.0+
link <string> of <bes domain>	*Named*	<html>	Returns an HTML snippet that will navigate to the specified BES Domain, using the string as the link text. Version 8.0+
link href of <bes domain>	*Plain*	<string>	Returns a hyperlink target that will navigate to the specified BES Domain. Version 8.0+
link of <bes domain>	*Plain*	<html>	Returns a hyperlink that will navigate to the specified BES Domain when clicked. Version 8.0+
name of <bes domain>	*Plain*	<string>	The untranslated (typically English) title of the specified BES Domain. Version 8.0+
set of <bes domain>	*Plain*	<bes domain set>	Returns a set composed of the specified list of BES domains. Version 8.0+
unique value of <bes domain>	*Plain*	<bes domain with multiplicity>	Returns the unique values of a given list of <bes domain> types, removing duplicates and sorting by value. Version 8.0+

Operators

Key phrase	Return Type	Description
<bes domain> = <bes domain>	*<boolean>*	Returns TRUE if the two BES domains are equivalent. Version 8.0+

BES Domain Set

These Inspectors return the current collection of BES Domains as a set, which can be manipulated by intersection, union, and more.

Creation Methods

Key Phrase	*Form*	Description
bes domain set	*PlainGlobal*	Creates a set of BES Domains, which are groupings of BES Action sites. Version 8.0+
domain set of <bes site>	*Plain*	Returns domains (as a set) related to the specified BES site. Version 8.0+
intersection of <bes domain set>	*Plain*	Returns the intersection of multiple BES domain sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 8.0+
set of <bes domain>	*Plain*	Creates a set from a group of bes domains. Various sets can then be manipulated to create unions, intersections, and others. Version 8.0+
union of <bes domain set>	*Plain*	Returns the union of multiple BES domain sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
element of <bes domain set>	*Plain*	<bes domain>	Returns the unique elements of the specified <bes domain set>, removing duplicates and sorting by value. Version 8.0+

Key Phrase	*Form*	Return Type	Description
intersection of <bes domain set>	*Plain*	<bes domain set>	Returns the intersection of multiple BES domain sets. The arguments to this Inspector are typically plural values or iterations, but you can also compose such a set by separating singlet values with semicolons. Version 8.0+
size of <bes domain set>	*Plain*	<integer>	Returns the number of unique elements in the specified set of BES domains. Version 8.0+
union of <bes domain set>	*Plain*	<bes domain set>	Produces a new set of BES domains containing the union of the specified sets. Version 8.0+

Operators

Key phrase	Return Type	Description
<bes domain set> {op} <bes domain set>	*<bes domain set>*	Operates on two sets of BES domains, where {op} is one of: -, *, + or 'contains'. Minus subtracts the elements of one set from the other, multiply performs an intersection, plus performs a union and 'contains' find subsets. Version 8.0+
<bes domain set> = <bes domain set>	*<boolean>*	Returns TRUE is the two specified domain sets are the same. Version 8.0+

BES Domain with Multiplicity

These Inspectors deal with sets of BES Domains, allowing you to extract unique domains and count them.

Type Derivation: This object type is derived from the <bes domain> type and therefore shares the same properties as that type.

Creation Methods

Key Phrase	*Form*	Description
unique value of <bes domain>	*Plain*	Returns the unique values of a given list of <bes domain> types, removing duplicates and sorting by value. Version 8.0+

Properties

Key Phrase	*Form*	Return Type	Description
multiplicity of <bes domain with multiplicity>	*Plain*	<integer>	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <bes domain> types. Version 8.0+

Session Statistics

These Inspectors allow you to gather data and perform statistics during a session. For more information about statistical aggregation, see the Resource section at the end of this guide.

Fixlet Count Pair

These Inspectors return information about the Fixlet count pair objects for each severity level.

Creation Methods

Key Phrase	*Form*	Description
count map of <historical fixlet count>	*Plain*	Returns all of the <fixlet count pair> objects (one for each severity level) that were saved with the specified historical Fixlet count.

Properties

Key Phrase	*Form*	Return Type	Description
count of <fixlet count pair>	*Plain*	<integer>	Returns the Fixlet count for each severity level of the Fixlet count pairs.
source severity of <fixlet count pair>	*Plain*	<string>	Returns the severity level corresponding to the given Fixlet count pair.

Historical Computer Count

These Inspectors provide information about historical computer count objects.

Creation Methods

Key Phrase	*Form*	Description
all computer count	*PlainGlobal*	Returns a list of all <historical_computer_count> objects.

Properties

Key Phrase	*Form*	Return Type	Description
count of <historical computer count>	*Plain*	<integer>	Returns the count when the specified historical computer count was last archived.
database id of <historical computer count>	*Plain*	<integer>	In the Web Reports environment, this Inspector returns the numeric ID of the database containing the specified historical computer count.
time of <historical computer count>	*Plain*	<time>	Returns the time when the specified count was archived.

Historical Fixlet Count

These provide historical information about the number of Fixlets at different severity levels.

Creation Methods

Key Phrase	*Form*	Description
all fixlet count	*PlainGlobal*	Returns a list of all the historical Fixlet counts. • Note: This is a Web Reports-only Inspector.

Properties

Key Phrase	*Form*	Return Type	Description
count map of <historical fixlet count>	*Plain*	<fixlet count pair>	Returns all of the <fixlet count pair> objects (one for each severity level) that were saved with the specified historical Fixlet count.
database id of <historical fixlet count>	*Plain*	<integer>	In the Web Reports environment, this Inspector returns the numeric ID of the database containing the specified historical Fixlet count.

Key Phrase	*Form*	Return Type	Description
time of <historical fixlet count>	*Plain*	<time>	Returns the time when the specified historical Fixlet count was calculated.

Statistic Range

Statistical ranges are time intervals used to examine particular statistical bins.

Creation Methods

Key Phrase	*Form*	Description
range <time range> of <statistic range>	*Index<time range>*	For the duration of the specified time range, (time0 to time1), this Inspector returns a sub-range of bins beginning with earliest bin containing time0 and going up to (but not including) the bin containing time1. If either of these bins does not exist, it throws NoSuchObject.
statistic range of <bes property>	*Plain*	Returns the range of statistical bins associated with the given property. The property must be marked for statistical aggregation. If not, or if no clients have reported results, it throws NoSuchObject.

Properties

Key Phrase	*Form*	Return Type	Description
bin at <time> of <statistic range>	*Index<time>*	<statistical bin>	Returns the bin in the specified statistical range which brackets the given time. If no such bin exists, it throws NoSuchObject.
bin of <statistic range>	*Plain*	<statistical bin>	Returns a list of the individual bins in the specified range. Primarily useful after downsampling (see total <time interval> of <statistic range>).
end of <statistic range>	*Plain*	<time>	Returns the ending time of the statistical range.
range <time range> of <statistic range>	*Index<time range>*	<statistic range>	For the duration of the specified time range, (time0 to time1), this Inspector returns a sub-range of bins beginning with earliest bin containing time0 and going up to (but not including) the bin containing time1. If either of these bins does not exist, it throws NoSuchObject.
start of <statistic range>	*Plain*	<time>	Returns the starting time of the statistical range.

Key Phrase	*Form*	Return Type	Description
total <time interval> of <statistic range>	*Index<time interval>*	<statistical bin>	This Inspector can be used to downsample or consolidate bins. It statistically totals over the given range, producing a new series of bins broken down by the (larger) specified time interval. The resulting range will start and end on a multiple of the interval. For example, if you ask for day bins, the results will start and end at midnight. If the specified time interval is not a multiple of the length of the starting bin of the range, this Inspector throws NoSuchObject. For example, you cannot get 6 hour totals of a range which starts with day bins.
total of <statistic range>	*Plain*	<statistical bin>	Totals the bins over the specified range, producing a single summary bin. This allows you to reduce the data by constraining the range.

Examples

- `mean of total of range ((now - day) & now) of statistics of property 1 of current analysis`

  Returns the mean (average) value across all reported values in the last day. Note that this might fail if there have been no reports in the last day.

Statistical Bin

Statistical bins contain property information summed over all computers in a given time period.

Creation Methods

Key Phrase	*Form*	Description
bin at <time> of <statistic range>	*Index<time>*	Returns the bin in the specified statistical range which brackets the given time. If no such bin exists, it throws NoSuchObject.
bin of <statistic range>	*Plain*	Returns a list of the individual bins in the specified range. Primarily useful after downsampling (see total <time interval> of <statistic range>).

Key Phrase	*Form*	Description
total <time interval> of <statistic range>	*Index<time interval>*	This Inspector can be used to downsample or consolidate bins. It statistically totals over the given range, producing a new series of bins broken down by the (larger) specified time interval. The resulting range will start and end on a multiple of the interval. For example, if you ask for day bins, the results will start and end at midnight. If the specified time interval is not a multiple of the length of the starting bin of the range, this Inspector throws NoSuchObject. For example, you cannot get 6 hour totals of a range which starts with day bins.
total of <statistic range>	*Plain*	Totals the bins over the specified range, producing a single summary bin. This allows you to reduce the data by constraining the range.

Properties

Key Phrase	*Form*	Return Type	Description
end of <statistical bin>	*Plain*	<time>	Returns the ending time of the specified statistical bin.
exponential fit of <statistical bin>	*Plain*	<exponential projection>	Calculates a least-squares fit on the sum of the logarithms of the absolute values of the values. This provides a way to extrapolate an exponential change of values.
failure rate of <statistical bin>	*Plain*	<floating point>	The integral over time of the number of failing computers divided by the integral over time of the number of reporting computers.
geometric mean of <statistical bin>	*Plain*	<floating point>	Returns the geometric mean of the specified statistical bin.
javascript array <string> of <statistical bin>	*Named*	<html>	Produces a section of JavaScript which initializes the named array of objects, one for each input bin. Each object in the array has JavaScript properties which match the above bin data properties. For each inspector property, the equivalent JavaScript property is named by CamelCasing the name of the inspector property.
kurtosis of <statistical bin>	*Plain*	<floating point>	Returns the kurtosis (a measure of the "narrowness" of the distribution) of the specified statistical bin.
length of <statistical bin>	*Plain*	<time interval>	Returns a time interval corresponding to the length (or period) of the specified bin.
linear fit of <statistical bin>	*Plain*	<linear projection>	Calculates a least-squares fit on the values, providing a tool for extrapolating a linear change of values.

Key Phrase	*Form*	Return Type	Description
logarithm kurtosis of <statistical bin>	*Plain*	<floating point>	The kurtosis of the logarithms of the absolute values of the nonzero reported values.
logarithm skewness of <statistical bin>	*Plain*	<floating point>	The skewness of the logarithms of the absolute values of the nonzero reported values.
logarithm standard deviation of <statistical bin>	*Plain*	<floating point>	The standard deviation of the logarithms of the absolute values of the nonzero reported values.
logarithm variance of <statistical bin>	*Plain*	<floating point>	The variance of the logarithms of the absolute values of the nonzero reported values.
maximum single computer total of <statistical bin>	*Plain*	<floating point>	Returns a floating point number representing the largest computer total in the specified bin.
maximum value of <statistical bin>	*Plain*	<floating point>	The maximum single value reported by any computer over the duration of the bin.
mean computer count of <statistical bin>	*Plain*	<floating point>	This is the integral over time of the number of computers reporting this property divided by the duration of the bin. It might be fractional if computers started or stopped reporting this property during the interval of the bin.
mean failing computer count of <statistical bin>	*Plain*	<floating point>	Returns the mean count of the computers where the inspection has failed.
mean logarithm of <statistical bin>	*Plain*	<floating point>	The integral over time of the sum of the logarithms of the absolute values of all nonzero reported values, divided by the integral over time of the number of nonzero reported values.
mean nonzero value count of <statistical bin>	*Plain*	<floating point>	Provides a measure of nonzero values, which is useful in interpreting the logarithmic results, which ignore zero values. The logarithmic results generally aren't interesting for any property that can be zero, so this Inspector can be used to validate property statistics.
mean of <statistical bin>	*Plain*	<floating point>	The integral over time of the sum of all reported values, divided by the integral over time of the number of reported values. The variance, standard deviation, skewness, and kurtosis inspectors have this same domain. In particular, computers that fail and computers that report no values don't affect these statistics.

Key Phrase	*Form*	Return Type	Description
mean sample interval of <statistical bin>	*Plain*	<time interval>	The sample interval is the time between consecutive samples on a single computer. The mean sample interval is the integral over time of the sum over computers of the sample interval divided by the integral over time of the number of reporting computers. This is the inverse of the mean sample rate.
mean sample rate of <statistical bin>	*Plain*	<rate>	This is the inverse of the mean sample interval.
mean successful computer count of <statistical bin>	*Plain*	<floating point>	Returns the mean count of the computers where the inspection has succeeded.
mean total of <statistical bin>	*Plain*	<floating point>	The integral over time of the sum of all values reported divided by the integral over time of the number of computers reporting this property (successfully or failing).
mean value count of <statistical bin>	*Plain*	<floating point>	This is the integral over time of the number of values reported divided by the integral over time of the number of computers reporting. That is, this is a mean over both time and computers.
mean zero value count of <statistical bin>	*Plain*	<floating point>	Provides a measure of zero values, which is useful in interpreting the logarithmic results, which ignore zero values. The logarithmic results generally aren't interesting for any property that can be zero, so this Inspector can be used to test for that issue.
minimum single computer total of <statistical bin>	*Plain*	<floating point>	The minimum over time and computers of the total of simultaneous values. (Thus, for a singular property, the same as "minimum value.").
minimum value of <statistical bin>	*Plain*	<floating point>	The minimum single value reported by any computer over the duration of the bin.
skewness of <statistical bin>	*Plain*	<floating point>	Returns a floating point number representing the skewness (a measure the assymetry of the data) over the specified bin.
standard deviation of <statistical bin>	*Plain*	<floating point>	Returns a floating point number representing the standard deviation of the data over the specified bin.
start of <statistical bin>	*Plain*	<time>	Returns the starting time of the statistical bin.
success rate of <statistical bin>	*Plain*	<floating point>	The integral over time of the number of successful computers divided by the integral over time of the number of reporting computers.

Key Phrase	*Form*	Return Type	Description
total lower bound of <statistical bin>	*Plain*	<floating point>	Returns the lower bound of a group of statistical bins.
total upper bound of <statistical bin>	*Plain*	<floating point>	Returns the upper bound of a group of statistical bins.
variance of <statistical bin>	*Plain*	<floating point>	Returns the variance of the specified statistical bin.

Examples

- `javascript array "statistics" of totals (6*hour) of statistics of property 1 of current analysis`

  Produces a JavaScript variable named "statistics" which holds an array of objects representing the statistical data for 6-hour periods across the entire range of data for the specified property. Make sure to restrict the range to a known size, so that the resulting array is not too big. For this example, the range must be 5-minute or hour bins, since day bins cannot be downsampled to 6-hour periods.

Rate

Rates are floating point numbers divided by time intervals. These Inspectors let you examine and convert rate objects.

Creation Methods

Key Phrase	*Form*	Description
maximum of <rate>	*Plain*	Returns the maximum value from a list of <rate> types. Version 7.1+
mean sample rate of <statistical bin>	*Plain*	For instantaneous data, BES keeps sample-rate statistics to provide a gauge of how well-reported the data is. The sample interval is the time between consecutive samples on a single computer; the sample rate is the reciprocal of that time interval.
minimum of <rate>	*Plain*	Returns the minimum value from a list of <rate> types. Version 7.1+
rate of <linear projection>	*Plain*	Returns the slope of the linear projection. Multiply this by a time interval to compute the projected growth over that period.

Properties

Key Phrase	*Form*	Return Type	Description
<rate> as string	*Cast*	<string>	Casts a rate as a string.
extrema of <rate>	*Plain*	<(rate, rate)>	Returns the minimum and maximum extreme values of the given list of <rate> types. Version 7.1+
maximum of <rate>	*Plain*	<rate>	Returns the maximum value from a list of <rate> types. Version 7.1+
minimum of <rate>	*Plain*	<rate>	Returns the minimum value from a list of <rate> types. Version 7.1+
unique value of <rate>	*Plain*	<rate with multiplicity>	Returns the unique values of a given list of <rate> types, removing duplicates and sorting by value. Version 7.1+

Operators

Key phrase	Return Type	Description
- <rate>	*<rate>*	Returns the negative of the given rate.
<rate> * <time interval>	*<floating point>*	Multiplies a <rate> by a <time interval>, producing a floating point number.
<rate> {cmp} <rate>	*<boolean>*	Compare two rates, returning a boolean TRUE or FALSE, where {cmp} is one of: <, <=, =.
<rate> {op} <rate>	*<rate>*	Operate on two rates, returning a new rate, where {op} is one of: -, +.
<time interval> * <rate>	*<floating point>*	Multiplies a <time interval> by a <rate>, producing a floating point number.

Rate with Multiplicity

These Inspectors deal with rate arrays, allowing you to extract unique rate values and count them.

Type Derivation: This object type is derived from the <rate> type and therefore shares the same properties as that type.

Creation Methods

Key Phrase	*Form*	Description
unique value of <rate>	*Plain*	Returns the unique values of a given list of <rate> types, removing duplicates and sorting by value. Version 7.1+

Properties

Key Phrase	*Form*	Return Type	Description
multiplicity of <rate with multiplicity>	*Plain*	<integer>	Sorts the list and returns the multiplicity, or count, of each unique element in the specified list of multiple <rate> types. Version 7.1+

Linear Projection

These Inspectors return statistical correlation information about the linearity of specific aggregated properties.

Creation Methods

Key Phrase	*Form*	Description
linear fit of <statistical bin>	*Plain*	This Inspector calculates a least-squares fit on the sum of the values to project how that sum might change with time.

Properties

Key Phrase	*Form*	Return Type	Description
correlation coefficient of <linear projection>	*Plain*	<floating point>	Returns a floating-point number between -1 and 1, representing how well a linear projection fits the data.
extrapolation <time> of <linear projection>	*Index<time>*	<floating point>	Returns the projected value at the specified time, assuming a linear projection.

Key Phrase	*Form*	Return Type	Description
rate of <linear projection>	*Plain*	<rate>	Returns the slope of the linear projection. Multiply this by a time interval to compute the projected growth over that period.

Exponential Projection

These Inspectors return statistical correlation information about the logarithms of the aggregated properties.

Creation Methods

Key Phrase	*Form*	Description
exponential fit of <statistical bin>	*Plain*	Calculates a least-squares fit on the sum of the logarithms of the absolute values of the values. This provides a way to extrapolate an exponential change of values.

Properties

Key Phrase	*Form*	Return Type	Description
correlation coefficient of <exponential projection>	*Plain*	<floating point>	Returns a floating-point number between -1 and 1, representing how well an exponential projection fits the data.
extrapolation <time> of <exponential projection>	*Index<time>*	<floating point>	Returns the projected value at the specified time, assuming an exponential projection.
rate <time interval> of <exponential projection>	*Index<time interval>*	<floating point>	Returns the slope of the exponential projection over the specified time interval.

Formatting Objects

These Inspectors make it easy for you to format HTML statements.

Html

This type helps you to author HTML commands to create customized content for the BigFix Console and Web Reports. They allow construction of HTML snippets that can be used to display BigFix data elements in a browser.

Creation Methods

Key Phrase	*Form*	Description
body of <bes fixlet>	*Plain*	Returns an HTML snippet containing the specified Fixlet message enclosed in a <body> tag.
display message of <bes fixlet>	*Plain*	Returns the message portion of the specified Fixlet. This Inspector returns the value as displayed in the Console, which may be translated into various languages. Version 8.0+
javascript array <string> of <boolean>	*Named*	Creates a section of JavaScript which initializes an array named by the specified <string> to the given boolean values.
javascript array <string> of <integer>	*Named*	Creates a section of JavaScript which initializes an array named by the specified <string> to the given integer values.
javascript array <string> of <statistical bin>	*Named*	Produces a section of JavaScript which initializes the named array of objects, one for each input bin. Each object in the array has JavaScript properties which match the above bin data properties. For each inspector property, the equivalent JavaScript property is named by CamelCasing the name of the inspector property.
javascript array <string> of <string>	*Named*	Creates a section of JavaScript which initializes an array named by the specified <string> to the values in the second <string>.
link <html> of <bes action>	*Index<html>*	Returns an HTML string containing an <A> tag that, when clicked, will open the given action's document (in the BES Console) or description page (in Web Reports).
link <html> of <bes computer>	*Index<html>*	Returns an HTML string containing an <A> tag including an HTML description that, when clicked, will open the given computer's document (in the BES Console) or its description page (in Web Reports).
link <html> of <bes domain>	*Index<html>*	Creates an HTML snippet that will navigate to the specified BES Domain, using the html as the link body. Version 8.0+

Key Phrase	*Form*	Description
link <html> of <bes fixlet>	*Index<html>*	Returns an HTML string containing an <A> tag including an HTML description that, when clicked, will open the specified Fixlet document (in the BES Console) or its description page (in Web Reports).
link <html> of <bes unmanagedasset>	*Index<html>*	Returns an HTML string containing an <A> tag including the supplied HTML description that, when clicked, will open the specified unmanaged asset (in the BES Console) or its description page (in Web Reports). Version 7.0+
link <html> of <bes user>	*Index<html>*	Returns an HTML string containing an <A> tag including the supplied HTML description that, when clicked, will open the specified user document (in the BES Console) or its description page (in Web Reports).
link <html> of <bes wizard>	*Index<html>*	Returns an HTML string containing an <A> tag including the supplied HTML description that, when clicked, will open the specified Wizard. • Note: This is a Console-only Inspector.
link <string> of <bes action>	*Named*	Returns an HTML string containing an <A> tag that, when clicked, will open the given action's document (in the BES Console) or description page (in Web Reports).
link <string> of <bes computer>	*Named*	Returns an HTML string containing an <A> tag including a descriptive string that when clicked will open the given computer's document (in the BES Console) or its description page (in Web Reports).
link <string> of <bes domain>	*Named*	Creates an HTML snippet that will navigate to the specified BES Domain, using the string as the link text. Version 8.0+
link <string> of <bes fixlet>	*Named*	Returns an HTML string containing an <A> tag including a descriptive string that when clicked will open the specified Fixlet document (in the BES Console) or its description page (in Web Reports).
link <string> of <bes unmanagedasset>	*Named*	Returns an HTML string containing an <A> tag including the supplied descriptive string that, when clicked, will open the specified unmanaged asset (in the BES Console) or its description page (in Web Reports). Version 7.0+
link <string> of <bes user>	*Named*	Returns an HTML string containing an <A> tag including the supplied descriptive string that, when clicked, will open the given user document (in the BES Console) or description page (in Web Reports).
link <string> of <bes wizard>	*Named*	Returns an HTML string containing an <A> tag including the supplied descriptive string that, when clicked, will open the specified Wizard. • Note: This is a Console-only Inspector.

Key Phrase	*Form*	Description
link of <bes action>	*Plain*	Returns an HTML string containing an <A> tag that, when clicked, will open the given action's document (in the BES Console) or description page (in Web Reports).
link of <bes computer>	*Plain*	Returns an HTML string containing an <A> tag that when clicked will open the given computer's document (in the BES Console) or its description page (in Web Reports).
link of <bes domain>	*Plain*	Creates a hyperlink that will navigate to the specified BES Domain when clicked. Version 8.0+
link of <bes fixlet>	*Plain*	Returns an HTML string containing an <A> tag that when clicked will open the specified Fixlet document (in the BES Console) or its description page (in Web Reports).
link of <bes unmanagedasset>	*Plain*	Returns an HTML string containing an <A> tag that when clicked will open the specified BES unmanaged asset document (in the BES Console) or its description page (in Web Reports). Version 7.0+
link of <bes user>	*Plain*	Returns an HTML string containing an <A> tag that when clicked will open the specified user document (in the BES Console) or its description page (in Web Reports).
link of <bes wizard>	*Plain*	Returns an HTML string containing an <A> tag that when clicked will open the specified Wizard. • Note: This is a Console-only Inspector.
message of <bes fixlet>	*Plain*	Returns an HTML string containing the text of the Fixlet message.
offer description html of <bes action>	*Plain*	Returns the offer description of the specified bes action as an html string. This description is what appears to the client when the action executes. Version 7.2+
wizard data of <bes fixlet>	*Plain*	If the specified Fixlet message was created with a Wizard then this Inspector returns the HTML string representing the DataStore element of that Wizard. • Note: This is a Console-only Inspector.

Examples

- `javascript array "myArray" of ("a"; "b"; "c")`

Creates the javascript snippet: var myArray = new Array();myArray[0] = "a";myArray[1] = "b";myArray[2] = "c";.

Networking Objects

This chapter includes the various networking Inspectors.

Ipv4or6 Address

These Inspectors allow you to represent IPv4 and IPv6 addresses as a common type. From these inclusive Inspectors, you can derive the corresponding v4 and v6 IP addresses.

Creation Methods

Key Phrase	*Form*	Description
ip address of <bes computer>	*Plain*	Returns the result of the 'IP Address' property of the specified computer as an ipv4or6 address type. Version 7.0+

Distinguished Name

These Inspectors refer to the distinguished name (DN) as defined by the Microsoft Active Directory service. See the core inspector guide for a list of properties of a distinguished name object.

Type Derivation: This object type is derived from the <string> type and therefore shares the same properties as that type.

Creation Methods

Key Phrase	*Form*	Description
active directory path of <bes computer>	*Plain*	Returns the result of the 'Active Directory Path' property of the specified computer. CAUTION: AD Inspectors may increase network load. Use the _BESClient_ActiveDirectoryPathOverride setting to modify this behavior. Version 7.0+

Key Phrases (Inspectors)

This section of the guide provides an alphabetical list of the Inspector keywords. It details the *context* object type (From an object), and the *resulting* object type (Creates an object). This list includes all Inspectors that are relevant to the context of the current guide, including the core and regex Inspectors. You can retrieve any Inspector defined in this guide by clicking on its link in the right column.

Key Phrase	Plural	Creates a	From a	*Form*	Ref
abbr <string> of <html>	abbrs	<html>	<html>	*Named*	core
abbr <string> of <string>	abbrs	<html>	<string>	*Named*	core
abbr of <html>	abbrs	<html>	<html>	*Plain*	core
abbr of <string>	abbrs	<html>	<string>	*Plain*	core
absolute value of <hertz>	absolute values	<hertz>	<hertz>	*Plain*	core
absolute value of <integer>	absolute values	<integer>	<integer>	*Plain*	core
absolute value of <time interval>	absolute values	<time interval>	<time interval>	*Plain*	core
acronym <string> of <html>	acronyms	<html>	<html>	*Named*	core
acronym <string> of <string>	acronyms	<html>	<string>	*Named*	core
acronym of <html>	acronyms	<html>	<html>	*Plain*	core
acronym of <string>	acronyms	<html>	<string>	*Plain*	core
action <integer> of <bes fixlet>	actions	<bes fixlet action>	<bes fixlet>	*Numbered*	sess
action <string> of <bes fixlet>	actions	<bes fixlet action>	<bes fixlet>	*Named*	sess
action flag of <bes filter>	action flags	<boolean>	<bes filter>	*Plain*	sess
action of <bes action result>	actions	<bes action>	<bes action result>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
action of <bes baseline component>	actions	<bes fixlet action>	<bes baseline component>	*Plain*	sess
action of <bes domain>	actions	<bes action>	<bes domain>	*Plain*	sess
action of <bes fixlet>	actions	<bes fixlet action>	<bes fixlet>	*Plain*	sess
action result of <bes computer>	action results	<bes action result>	<bes computer>	*Plain*	sess
action script of <bes action>	action scripts	<string>	<bes action>	*Plain*	sess
action script type of <bes action>	action script types	<string>	<bes action>	*Plain*	sess
action set of <bes domain>	action sets	<bes action set>	<bes domain>	*Plain*	sess
action set of <bes filter>	action sets	<bes action set>	<bes filter>	*Plain*	sess
action site of <bes user>	action sites	<bes site>	<bes user>	*Plain*	sess
activation of <bes fixlet>	activations	<bes activation>	<bes fixlet>	*Plain*	sess
active directory path of <bes computer>	active directory paths	<distinguished name>	<bes computer>	*Plain*	sess
active flag of <bes activation>	active flags	<boolean>	<bes activation>	*Plain*	sess
address <string> of <html>	addresss	<html>	<html>	*Named*	core
address <string> of <string>	addresss	<html>	<string>	*Named*	core
address of <html>	addresss	<html>	<html>	*Plain*	core
address of <string>	addresss	<html>	<string>	*Plain*	core
administered computer of <bes user>	administered computers	<bes computer>	<bes user>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
administered computer set of <bes user>	administered computer sets	<bes computer set>	<bes user>	*Plain*	sess
administrator <(bes computer, bes user)>	administrators	<boolean>	<world>	*Index<(bes computer, bes user)>Global*	sess
administrator <(bes user, bes computer)>	administrators	<boolean>	<world>	*Index<(bes user, bes computer)>Global*	sess
administrator <bes computer> of <bes user>	administrators	<boolean>	<bes user>	*Index<bes computer>*	sess
administrator <bes user> of <bes computer>	administrators	<boolean>	<bes computer>	*Index<bes user>*	sess
administrator of <bes computer>	administrators	<bes user>	<bes computer>	*Plain*	sess
administrator set of <bes computer>	administrator sets	<bes user set>	<bes computer>	*Plain*	sess
all bes site	all bes sites	<bes site>	<world>	*PlainGlobal*	sess
all computer count	all computer counts	<historical computer count>	<world>	*PlainGlobal*	sess
all fixlet count	all fixlet counts	<historical fixlet count>	<world>	*PlainGlobal*	sess
analysis flag of <bes filter>	analysis flags	<boolean>	<bes filter>	*Plain*	sess
analysis flag of <bes fixlet>	analysis flags	<boolean>	<bes fixlet>	*Plain*	sess
analysis flag of <bes property>	analysis flags	<boolean>	<bes property>	*Plain*	sess
analysis of <bes activation>	analyses	<bes fixlet>	<bes activation>	*Plain*	sess
analysis set of <bes filter>	analysis sets	<bes fixlet set>	<bes filter>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
anchor <string> of <html>	anchors	<html>	<html>	*Named*	core
anchor <string> of <string>	anchors	<html>	<string>	*Named*	core
anchor of <html>	anchors	<html>	<html>	*Plain*	core
anchor of <string>	anchors	<html>	<string>	*Plain*	core
any ip version	any ip versions	<ip version>	<world>	*PlainGlobal*	core
applicability relevance of <bes action>	applicability relevances	<string>	<bes action>	*Plain*	sess
applicable computer count of <bes baseline component>	applicable computer counts	<integer>	<bes baseline component>	*Plain*	sess
applicable computer count of <bes fixlet>	applicable computer counts	<integer>	<bes fixlet>	*Plain*	sess
applicable computer of <bes fixlet>	applicable computers	<bes computer>	<bes fixlet>	*Plain*	sess
applicable computer set of <bes baseline component>	applicable computer sets	<bes computer set>	<bes baseline component>	*Plain*	sess
applicable computer set of <bes fixlet>	applicable computer sets	<bes computer set>	<bes fixlet>	*Plain*	sess
apply count of <bes action result>	apply counts	<integer>	<bes action result>	*Plain*	sess
april	aprils	<month>	<world>	*PlainGlobal*	core
april <integer>	aprils	<day of year>	<world>	*NumberedGlobal*	core
april <integer> of <integer>	aprils	<date>	<integer>	*Numbered*	core
april of <integer>	aprils	<month and year>	<integer>	*Plain*	core
asset of <bes unmanagedasset field>	assets	<bes unmanagedasset>	<bes unmanagedasset field>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
attribute <integer> of <xml dom node>	attributes	<xml dom node>	<xml dom node>	*Numbered*	core
attribute <string> of <xml dom node>	attributes	<xml dom node>	<xml dom node>	*Named*	core
attribute of <xml dom node>	attributes	<xml dom node>	<xml dom node>	*Plain*	core
august	augusts	<month>	<world>	*PlainGlobal*	core
august <integer>	augusts	<day of year>	<world>	*NumberedGlobal*	core
august <integer> of <integer>	augusts	<date>	<integer>	*Numbered*	core
august of <integer>	augusts	<month and year>	<integer>	*Plain*	core
author of <bes comment>	authors	<bes user>	<bes comment>	*Plain*	sess
automatic flag of <bes computer group>	automatic flags	<boolean>	<bes computer group>	*Plain*	sess
b <string> of <html>	bs	<html>	<html>	*Named*	core
b <string> of <string>	bs	<html>	<string>	*Named*	core
b of <html>	bs	<html>	<html>	*Plain*	core
b of <string>	bs	<html>	<string>	*Plain*	core
base <string> of <html>	bases	<html>	<html>	*Named*	core
base <string> of <string>	bases	<html>	<string>	*Named*	core
base of <html>	bases	<html>	<html>	*Plain*	core
base of <string>	bases	<html>	<string>	*Plain*	core
baseline flag of <bes filter>	baseline flags	<boolean>	<bes filter>	*Plain*	sess
baseline flag of <bes fixlet>	baseline flags	<boolean>	<bes fixlet>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
baseline set of <bes filter>	baseline sets	<bes fixlet set>	<bes filter>	*Plain*	sess
bes action	bes actions	<bes action>	<world>	*PlainGlobal*	sess
bes action set	bes action sets	<bes action set>	<world>	*PlainGlobal*	sess
bes action status constrained	bes action statuses constrained	<bes action status>	<world>	*PlainGlobal*	sess
bes action status download failed	bes action statuses download failed	<bes action status>	<world>	*PlainGlobal*	sess
bes action status error	bes action statuses error	<bes action status>	<world>	*PlainGlobal*	sess
bes action status evaluating	bes action statuses evaluating	<bes action status>	<world>	*PlainGlobal*	sess
bes action status expired	bes action statuses expired	<bes action status>	<world>	*PlainGlobal*	sess
bes action status failed	bes action statuses failed	<bes action status>	<world>	*PlainGlobal*	sess
bes action status fixed	bes action statuses fixed	<bes action status>	<world>	*PlainGlobal*	sess
bes action status invalid signature	bes action statuses invalid signature	<bes action status>	<world>	*PlainGlobal*	sess
bes action status irrelevant	bes action statuses irrelevant	<bes action status>	<world>	*PlainGlobal*	sess
bes action status locked	bes action statuses locked	<bes action status>	<world>	*PlainGlobal*	sess
bes action status offers disabled	bes action statuses offers disabled	<bes action status>	<world>	*PlainGlobal*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
bes action status pending downloads	bes action statuses pending downloads	<bes action status>	<world>	*PlainGlobal*	sess
bes action status pending login	bes action statuses pending login	<bes action status>	<world>	*PlainGlobal*	sess
bes action status pending message	bes action statuses pending message	<bes action status>	<world>	*PlainGlobal*	sess
bes action status pending offer	bes action statuses pending offer	<bes action status>	<world>	*PlainGlobal*	sess
bes action status pending restart	bes action statuses pending restart	<bes action status>	<world>	*PlainGlobal*	sess
bes action status postponed	bes action statuses postponed	<bes action status>	<world>	*PlainGlobal*	sess
bes action status running	bes action statuses running	<bes action status>	<world>	*PlainGlobal*	sess
bes action status unreported	bes action statuses unreported	<bes action status>	<world>	*PlainGlobal*	sess
bes action status user cancelled	bes action statuses user cancelled	<bes action status>	<world>	*PlainGlobal*	sess
bes action status waiting	bes action statuses waiting	<bes action status>	<world>	*PlainGlobal*	sess
bes analysis	bes analyses	<bes fixlet>	<world>	*PlainGlobal*	sess
bes analysis set	bes analysis sets	<bes fixlet set>	<world>	*PlainGlobal*	sess
bes baseline	bes baselines	<bes fixlet>	<world>	*PlainGlobal*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
bes baseline set	bes baseline sets	<bes fixlet set>	<world>	*PlainGlobal*	sess
bes brand	bes brands	<string>	<world>	*PlainGlobal*	sess
bes computer	bes computers	<bes computer>	<world>	*PlainGlobal*	sess
bes computer group	bes computer groups	<bes computer group>	<world>	*PlainGlobal*	sess
bes computer group set	bes computer group sets	<bes computer group set>	<world>	*PlainGlobal*	sess
bes computer set	bes computer sets	<bes computer set>	<world>	*PlainGlobal*	sess
bes custom site	bes custom sites	<bes site>	<world>	*PlainGlobal*	sess
bes deployment option	bes deployment options	<bes deployment option>	<world>	*PlainGlobal*	sess
bes deployment option <string>	bes deployment options	<bes deployment option>	<world>	*NamedGlobal*	sess
bes domain	bes domains	<bes domain>	<world>	*PlainGlobal*	sess
bes domain <string>	bes domains	<bes domain>	<world>	*NamedGlobal*	sess
bes domain set	bes domain sets	<bes domain set>	<world>	*PlainGlobal*	sess
bes filter	bes filters	<bes filter>	<world>	*PlainGlobal*	sess
bes filter <integer>	bes filters	<bes filter>	<world>	*NumberedGlobal*	sess
bes filter set	bes filter sets	<bes filter set>	<world>	*PlainGlobal*	sess
bes fixlet	bes fixlets	<bes fixlet>	<world>	*PlainGlobal*	sess
bes fixlet set	bes fixlet sets	<bes fixlet set>	<world>	*PlainGlobal*	sess
bes language	bes languages	<string>	<world>	*PlainGlobal*	sess
bes property	bes properties	<bes property>	<world>	*PlainGlobal*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
bes property <string>	bes properties	<bes property>	<world>	*NamedGlobal*	sess
bes property set	bes property sets	<bes property set>	<world>	*PlainGlobal*	sess
bes site	bes sites	<bes site>	<world>	*PlainGlobal*	sess
bes task	bes tasks	<bes fixlet>	<world>	*PlainGlobal*	sess
bes task set	bes task sets	<bes fixlet set>	<world>	*PlainGlobal*	sess
bes unmanagedasset	bes unmanagedassets	<bes unmanagedasset>	<world>	*PlainGlobal*	sess
bes unmanagedasset set	bes unmanagedasset sets	<bes unmanagedasset set>	<world>	*PlainGlobal*	sess
bes user	bes users	<bes user>	<world>	*PlainGlobal*	sess
bes user set	bes user sets	<bes user set>	<world>	*PlainGlobal*	sess
bes wakeonlan status	bes wakeonlan statuses	<bes wakeonlan status>	<world>	*PlainGlobal*	sess
bes wizard	bes wizards	<bes wizard>	<world>	*PlainGlobal*	sess
bes wizard set	bes wizard sets	<bes wizard set>	<world>	*PlainGlobal*	sess
best activation of <bes fixlet>	best activations	<bes activation>	<bes fixlet>	*Plain*	sess
big <string> of <html>	bigs	<html>	<html>	*Named*	core
big <string> of <string>	bigs	<html>	<string>	*Named*	core
big of <html>	bigs	<html>	<html>	*Plain*	core
big of <string>	bigs	<html>	<string>	*Plain*	core
bin at <time> of <statistic range>	bins at	<statistical bin>	<statistic range>	*Index<time>*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
bin of <statistic range>	bins	<statistical bin>	<statistic range>	*Plain*	sess
binary operator <string>	binary operators	<binary operator>	<world>	*NamedGlobal*	core
binary operator returning <type>	binary operators returning	<binary operator>	<world>	*Index<type>Global*	core
bit <integer>	bits	<bit set>	<world>	*NumberedGlobal*	core
bit <integer> of <bit set>	bits	<boolean>	<bit set>	*Numbered*	core
bit <integer> of <integer>	bits	<boolean>	<integer>	*Numbered*	core
bit set <string>	bit sets	<bit set>	<world>	*NamedGlobal*	core
blockquote <string> of <html>	blockquotes	<html>	<html>	*Named*	core
blockquote <string> of <string>	blockquotes	<html>	<string>	*Named*	core
blockquote of <html>	blockquotes	<html>	<html>	*Plain*	core
blockquote of <string>	blockquotes	<html>	<string>	*Plain*	core
body <string> of <html>	bodys	<html>	<html>	*Named*	core
body <string> of <string>	bodys	<html>	<string>	*Named*	core
body of <bes fixlet>	bodies	<html>	<bes fixlet>	*Plain*	sess
body of <html>	bodys	<html>	<html>	*Plain*	core
body of <string>	bodys	<html>	<string>	*Plain*	core
boolean <string>	booleans	<boolean>	<world>	*NamedGlobal*	core
br	brs	<html>	<world>	*PlainGlobal*	core
br <string>	brs	<html>	<world>	*NamedGlobal*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
caption <string> of <html>	captions	<html>	<html>	*Named*	core
caption <string> of <string>	captions	<html>	<string>	*Named*	core
caption of <html>	captions	<html>	<html>	*Plain*	core
caption of <string>	captions	<html>	<string>	*Plain*	core
case insensitive regex <string>	case insensitive regexes	<regular expression>	<world>	*NamedGlobal*	regx
case insensitive regular expression <string>	case insensitive regular expressions	<regular expression>	<world>	*NamedGlobal*	regx
cast <string>	casts	<cast>	<world>	*NamedGlobal*	core
cast from of <type>	casts from	<cast>	<type>	*Plain*	core
cast returning <type>	casts returning	<cast>	<world>	*Index<type>Global*	core
category of <bes fixlet>	categories	<string>	<bes fixlet>	*Plain*	sess
category of <bes property>	categories	<string>	<bes property>	*Plain*	sess
character <integer>	characters	<string>	<world>	*NumberedGlobal*	core
character <integer> of <string>	characters	<substring>	<string>	*Numbered*	core
character of <string>	characters	<substring>	<string>	*Plain*	core
charset of <bes fixlet>	charsets	<string>	<bes fixlet>	*Plain*	sess
charset of <bes wizard>	charsets	<string>	<bes wizard>	*Plain*	sess
child node <integer> of <xml dom node>	child nodes	<xml dom node>	<xml dom node>	*Numbered*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
child node of <xml dom node>	child nodes	<xml dom node>	<xml dom node>	*Plain*	core
cite <string> of <html>	cites	<html>	<html>	*Named*	core
cite <string> of <string>	cites	<html>	<string>	*Named*	core
cite of <html>	cites	<html>	<html>	*Plain*	core
cite of <string>	cites	<html>	<string>	*Plain*	core
client evaluated flag of <bes computer group>	client evaluated flags	<boolean>	<bes computer group>	*Plain*	sess
client installed flag of <bes unmanagedasset>	client installed flags	<boolean>	<bes unmanagedasset>	*Plain*	sess
client setting of <bes computer>	client settings	<bes client setting>	<bes computer>	*Plain*	sess
code <string> of <html>	codes	<html>	<html>	*Named*	core
code <string> of <string>	codes	<html>	<string>	*Named*	core
code of <html>	codes	<html>	<html>	*Plain*	core
code of <string>	codes	<html>	<string>	*Plain*	core
col <string> of <html>	cols	<html>	<html>	*Named*	core
col <string> of <string>	cols	<html>	<string>	*Named*	core
col of <html>	cols	<html>	<html>	*Plain*	core
col of <string>	cols	<html>	<string>	*Plain*	core
colgroup <string> of <html>	colgroups	<html>	<html>	*Named*	core
colgroup <string> of <string>	colgroups	<html>	<string>	*Named*	core
colgroup of <html>	colgroups	<html>	<html>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
colgroup of <string>	colgroups	<html>	<string>	*Plain*	core
comment of <bes action>	comments	<bes comment>	<bes action>	*Plain*	sess
comment of <bes computer>	comments	<bes comment>	<bes computer>	*Plain*	sess
comment of <bes fixlet>	comments	<bes comment>	<bes fixlet>	*Plain*	sess
component <integer> of <distinguished name>	components	<distinguished name component>	<distinguished name>	*Numbered*	core
component <integer> of <site version list>	components	<integer>	<site version list>	*Numbered*	core
component group of <bes fixlet>	component groups	<bes baseline component group>	<bes fixlet>	*Plain*	sess
component of <bes baseline component group>	components	<bes baseline component>	<bes baseline component group>	*Plain*	sess
component of <distinguished name>	components	<distinguished name component>	<distinguished name>	*Plain*	core
components xml of <bes fixlet>	components xmls	<string>	<bes fixlet>	*Plain*	sess
computer flag of <bes filter>	computer flags	<boolean>	<bes filter>	*Plain*	sess
computer group flag of <bes action>	computer group flags	<boolean>	<bes action>	*Plain*	sess
computer group of <bes domain>	computer groups	<bes computer group>	<bes domain>	*Plain*	sess
computer group set of <bes domain>	computer group sets	<bes computer group set>	<bes domain>	*Plain*	sess
computer group set of <bes filter>	computer group sets	<bes fixlet set>	<bes filter>	*Plain*	sess
computer of <bes action result>	computers	<bes computer>	<bes action result>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
computer of <bes fixlet result>	computers	<bes computer>	<bes fixlet result>	*Plain*	sess
computer of <bes property result>	computers	<bes computer>	<bes property result>	*Plain*	sess
computer set of <bes filter>	computer sets	<bes computer set>	<bes filter>	*Plain*	sess
concatenation <html> of <html>	concatenations	<html>	<html>	*Index<html>*	core
concatenation <html> of <string>	concatenations	<html>	<string>	*Index<html>*	core
concatenation <string> of <html>	concatenations	<html>	<html>	*Named*	core
concatenation <string> of <string>	concatenations	<string>	<string>	*Named*	core
concatenation of <html>	concatenations	<html>	<html>	*Plain*	core
concatenation of <string>	concatenations	<string>	<string>	*Plain*	core
conjunction of <boolean>	conjunctions	<boolean>	<boolean>	*Plain*	core
constrain by property name of <bes action>	constrain by property names	<string>	<bes action>	*Plain*	sess
constrain by property relation of <bes action>	constrain by property relations	<string>	<bes action>	*Plain*	sess
constrain by property value of <bes action>	constrain by property values	<string>	<bes action>	*Plain*	sess
content id of <bes fixlet action>	content ids	<string>	<bes fixlet action>	*Plain*	sess
continue on errors flag of <bes action>	continue on errors flags	<boolean>	<bes action>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
correlation coefficient of <exponential projection>	correlation coefficients	<floating point>	<exponential projection>	*Plain*	sess
correlation coefficient of <linear projection>	correlation coefficients	<floating point>	<linear projection>	*Plain*	sess
count map of <historical fixlet count>	count maps	<fixlet count pair>	<historical fixlet count>	*Plain*	sess
count of <fixlet count pair>	counts	<integer>	<fixlet count pair>	*Plain*	sess
count of <historical computer count>	counts	<integer>	<historical computer count>	*Plain*	sess
cpu of <bes computer>	cpus	<string>	<bes computer>	*Plain*	sess
creation date of <bes site>	creation dates	<time>	<bes site>	*Plain*	sess
creation time of <bes activation>	creation times	<time>	<bes activation>	*Plain*	sess
creation time of <bes computer group>	creation times	<time>	<bes computer group>	*Plain*	sess
creation time of <bes fixlet>	creation times	<time>	<bes fixlet>	*Plain*	sess
creation time of <bes user>	creation times	<time>	<bes user>	*Plain*	sess
creator of <bes site>	creators	<bes user>	<bes site>	*Plain*	sess
cryptography	cryptographies	<cryptography>	<world>	*PlainGlobal*	core
current bes server	current bes servers	<bes server>	<world>	*PlainGlobal*	sess
current bes site	current bes sites	<bes site>	<world>	*PlainGlobal*	sess
current computer	current computers	<bes computer>	<world>	*PlainGlobal*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
current console user	current console users	<bes user>	<world>	*PlainGlobal*	sess
current date	current dates	<date>	<world>	*PlainGlobal*	core
current day_of_month	current days_of_month	<day of month>	<world>	*PlainGlobal*	core
current day_of_week	current days_of_week	<day of week>	<world>	*PlainGlobal*	core
current day_of_year	current days_of_year	<day of year>	<world>	*PlainGlobal*	core
current domain	current domains	<bes domain>	<world>	*PlainGlobal*	sess
current fixlet	current fixlets	<bes fixlet>	<world>	*PlainGlobal*	sess
current month	current months	<month>	<world>	*PlainGlobal*	core
current month_and_year	current months_and_years	<month and year>	<world>	*PlainGlobal*	core
current task	current tasks	<bes fixlet>	<world>	*PlainGlobal*	sess
current time_of_day	current times_of_day	<time of day with time zone>	<world>	*PlainGlobal*	core
current time_of_day <time zone>	current times_of_day	<time of day with time zone>	<world>	*Index<time zone>Global*	core
current unmanagedasset	current unmanagedassets	<bes unmanagedasset>	<world>	*PlainGlobal*	sess
current wizard	current wizards	<bes wizard>	<world>	*PlainGlobal*	sess
current year	current years	<year>	<world>	*PlainGlobal*	core
custom bes fixlet	custom bes fixlets	<bes fixlet>	<world>	*PlainGlobal*	sess
custom bes fixlet set	custom bes fixlet sets	<bes fixlet set>	<world>	*PlainGlobal*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
custom content flag of <bes user>	custom content flags	<boolean>	<bes user>	*Plain*	sess
custom fixlet of <bes domain>	custom fixlets	<bes fixlet>	<bes domain>	*Plain*	sess
custom fixlet set of <bes domain>	custom fixlet sets	<bes fixlet set>	<bes domain>	*Plain*	sess
custom flag of <bes fixlet>	custom flags	<boolean>	<bes fixlet>	*Plain*	sess
custom flag of <bes property>	custom flags	<boolean>	<bes property>	*Plain*	sess
custom site flag of <bes fixlet>	custom site flags	<boolean>	<bes fixlet>	*Plain*	sess
custom site flag of <bes site>	custom site flags	<boolean>	<bes site>	*Plain*	sess
custom site of <bes domain>	custom sites	<bes site>	<bes domain>	*Plain*	sess
custom site of <bes fixlet>	custom sites	<bes site>	<bes fixlet>	*Plain*	sess
custom site set of <bes domain>	custom site sets	<bes site set>	<bes domain>	*Plain*	sess
custom success relevance of <bes action>	custom success relevances	<string>	<bes action>	*Plain*	sess
cve id list of <bes fixlet>	cve id lists	<string>	<bes fixlet>	*Plain*	sess
dashboard id of <bes wizard>	dashboard ids	<string>	<bes wizard>	*Plain*	sess
database id of <bes action>	database ids	<integer>	<bes action>	*Plain*	sess
database id of <bes activation>	database ids	<integer>	<bes activation>	*Plain*	sess
database id of <bes computer group>	database ids	<integer>	<bes computer group>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
database id of <bes computer>	database ids	<integer>	<bes computer>	*Plain*	sess
database id of <bes deployment option>	database ids	<integer>	<bes deployment option>	*Plain*	sess
database id of <bes property>	database ids	<integer>	<bes property>	*Plain*	sess
database id of <bes server>	database ids of <bes server>	<integer>	<bes server>	*Plain*	sess
database id of <bes wakeonlan status>	database ids	<integer>	<bes wakeonlan status>	*Plain*	sess
database id of <bes wizard>	database ids	<integer>	<bes wizard>	*Plain*	sess
database id of <historical computer count>	database ids	<integer>	<historical computer count>	*Plain*	sess
database id of <historical fixlet count>	database ids	<integer>	<historical fixlet count>	*Plain*	sess
database name of <bes action>	database names	<string>	<bes action>	*Plain*	sess
database name of <bes computer>	database names	<string>	<bes computer>	*Plain*	sess
database name of <bes deployment option>	database names	<string>	<bes deployment option>	*Plain*	sess
database name of <bes server>	database names of <bes server>	<string>	<bes server>	*Plain*	sess
database name of <bes wakeonlan status>	database names	<string>	<bes wakeonlan status>	*Plain*	sess
database name of <bes wizard>	database names	<string>	<bes wizard>	*Plain*	sess
date <string>	dates	<date>	<world>	*NamedGlobal*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
date <time zone> of <time>	dates	<date>	<time>	*Index<time zone>*	core
day	days	<time interval>	<world>	*PlainGlobal*	core
day of <day of year>	days	<day of month>	<day of year>	*Plain*	core
day_of_month <integer>	days_of_month	<day of month>	<world>	*NumberedGlobal*	core
day_of_month <string>	days_of_month	<day of month>	<world>	*NamedGlobal*	core
day_of_month of <date>	days_of_month	<day of month>	<date>	*Plain*	core
day_of_week <string>	days_of_week	<day of week>	<world>	*NamedGlobal*	core
day_of_week of <date>	days_of_week	<day of week>	<date>	*Plain*	core
day_of_year of <date>	days_of_year	<day of year>	<date>	*Plain*	core
dd <string> of <html>	dds	<html>	<html>	*Named*	core
dd <string> of <string>	dds	<html>	<string>	*Named*	core
dd of <html>	dds	<html>	<html>	*Plain*	core
dd of <string>	dds	<html>	<string>	*Plain*	core
december	decembers	<month>	<world>	*PlainGlobal*	core
december <integer>	decembers	<day of year>	<world>	*NumberedGlobal*	core
december <integer> of <integer>	decembers	<date>	<integer>	*Numbered*	core
december of <integer>	decembers	<month and year>	<integer>	*Plain*	core
default action of <bes fixlet>	default actions	<bes fixlet action>	<bes fixlet>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
default flag of <bes property>	default flags	<boolean>	<bes property>	*Plain*	sess
default page name of <bes wizard>	default page names	<string>	<bes wizard>	*Plain*	sess
definition list <string> of <html>	definition lists	<html>	<html>	*Named*	core
definition list <string> of <string>	definition lists	<html>	<string>	*Named*	core
definition list of <html>	definition lists	<html>	<html>	*Plain*	core
definition list of <string>	definition lists	<html>	<string>	*Plain*	core
definition of <bes property>	definitions	<string>	<bes property>	*Plain*	sess
del <string> of <html>	dels	<html>	<html>	*Named*	core
del <string> of <string>	dels	<html>	<string>	*Named*	core
del of <html>	dels	<html>	<html>	*Plain*	core
del of <string>	dels	<html>	<string>	*Plain*	core
deleted flag of <bes comment>	deleted flags	<boolean>	<bes comment>	*Plain*	sess
dependency known of <property>	dependencies known	<boolean>	<property>	*Plain*	core
description of <bes site>	descriptions	<string>	<bes site>	*Plain*	sess
desired fips mode of <cryptography>	desired fips modes	<boolean>	<cryptography>	*Plain*	core
detailed status of <bes action result>	detailed statuses	<string>	<bes action result>	*Plain*	sess
dfn <string> of <html>	dfns	<html>	<html>	*Named*	core
dfn <string> of <string>	dfns	<html>	<string>	*Named*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
dfn of <html>	dfns	<html>	<html>	*Plain*	core
dfn of <string>	dfns	<html>	<string>	*Plain*	core
dialog flag of <bes wizard>	dialog flags	<boolean>	<bes wizard>	*Plain*	sess
digest file name of <bes fixlet>	digest file names	<string>	<bes fixlet>	*Plain*	sess
direct object type of <property>	direct object types	<type>	<property>	*Plain*	core
disjunction of <boolean>	disjunctions	<boolean>	<boolean>	*Plain*	core
disk usage of <bes property>	disk usages	<integer>	<bes property>	*Plain*	sess
display category of <bes fixlet>	display categories	<string>	<bes fixlet>	*Plain*	sess
display category of <bes property>	display categories	<string>	<bes property>	*Plain*	sess
display message of <bes fixlet>	display messages	<html>	<bes fixlet>	*Plain*	sess
display name of <bes domain>	display names	<string>	<bes domain>	*Plain*	sess
display name of <bes fixlet>	display names	<string>	<bes fixlet>	*Plain*	sess
display name of <bes property>	display names	<string>	<bes property>	*Plain*	sess
display name of <bes site>	display names	<string>	<bes site>	*Plain*	sess
display name of <bes wizard>	display names	<string>	<bes wizard>	*Plain*	sess
display simple name of <bes property>	display simple names	<string>	<bes property>	*Plain*	sess
display source id of <bes fixlet>	display source ids	<string>	<bes fixlet>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
display source of <bes fixlet>	display sources	<string>	<bes fixlet>	*Plain*	sess
display source severity of <bes fixlet>	display source severities	<string>	<bes fixlet>	*Plain*	sess
display value of <bes fixlet field value>	display values	<string>	<bes fixlet field value>	*Plain*	sess
distinguished name <string>	distinguished names	<distinguished name>	<world>	*NamedGlobal*	core
div <string> of <html>	divs	<html>	<html>	*Named*	core
div <string> of <string>	divs	<html>	<string>	*Named*	core
div of <html>	divs	<html>	<html>	*Plain*	core
div of <string>	divs	<html>	<string>	*Plain*	core
divided by zero of <floating point>	divided by zeroes	<boolean>	<floating point>	*Plain*	core
document flag of <bes wizard>	document flags	<boolean>	<bes wizard>	*Plain*	sess
domain of <bes action>	domains	<bes domain>	<bes action>	*Plain*	sess
domain of <bes computer group>	domains	<bes domain>	<bes computer group>	*Plain*	sess
domain of <bes filter>	domains	<bes domain>	<bes filter>	*Plain*	sess
domain of <bes fixlet>	domains	<bes domain>	<bes fixlet>	*Plain*	sess
domain of <bes site>	domains	<bes domain>	<bes site>	*Plain*	sess
domain set of <bes site>	domain sets	<bes domain set>	<bes site>	*Plain*	sess
download size of <bes fixlet>	download sizes	<integer>	<bes fixlet>	*Plain*	sess
dt <string> of <html>	dts	<html>	<html>	*Named*	core
dt <string> of <string>	dts	<html>	<string>	*Named*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
dt of <html>	dts	<html>	<html>	*Plain*	core
dt of <string>	dts	<html>	<string>	*Plain*	core
editable flag of <bes unmanagedasset field>	editable flags	<boolean>	<bes unmanagedasset field>	*Plain*	sess
element of <bes action set>	elements	<bes action>	<bes action set>	*Plain*	sess
element of <bes computer group set>	elements	<bes computer group>	<bes computer group set>	*Plain*	sess
element of <bes computer set>	elements	<bes computer>	<bes computer set>	*Plain*	sess
element of <bes domain set>	elements	<bes domain>	<bes domain set>	*Plain*	sess
element of <bes filter set>	elements	<bes filter>	<bes filter set>	*Plain*	sess
element of <bes fixlet set>	elements	<bes fixlet>	<bes fixlet set>	*Plain*	sess
element of <bes property set>	elements	<bes property>	<bes property set>	*Plain*	sess
element of <bes site set>	elements	<bes site>	<bes site set>	*Plain*	sess
element of <bes unmanagedasset set>	elements	<bes unmanagedasset>	<bes unmanagedasset set>	*Plain*	sess
element of <bes user set>	elements	<bes user>	<bes user set>	*Plain*	sess
element of <bes wizard set>	elements	<bes wizard>	<bes wizard set>	*Plain*	sess
element of <integer set>	elements	<integer>	<integer set>	*Plain*	core
element of <string set>	elements	<string>	<string set>	*Plain*	core
em <string> of <html>	ems	<html>	<html>	*Named*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
em <string> of <string>	ems	<html>	<string>	*Named*	core
em of <html>	ems	<html>	<html>	*Plain*	core
em of <string>	ems	<html>	<string>	*Plain*	core
enabled of <bes wakeonlan status>	enableds	<boolean>	<bes wakeonlan status>	*Plain*	sess
end date of <bes action>	end dates	<date>	<bes action>	*Plain*	sess
end flag of <bes action>	end flags	<boolean>	<bes action>	*Plain*	sess
end of <statistic range>	ends	<time>	<statistic range>	*Plain*	sess
end of <statistical bin>	ends	<time>	<statistical bin>	*Plain*	sess
end of <substring>	ends	<string position>	<substring>	*Plain*	core
end of <time range>	ends	<time>	<time range>	*Plain*	core
end time_of_day of <bes action>	end times_of_day	<time of day>	<bes action>	*Plain*	sess
error <string>	errors	<undefined>	<world>	*NamedGlobal*	core
error flag of <bes property result>	error flags	<boolean>	<bes property result>	*Plain*	sess
error message of <bes property result>	error messages	<string>	<bes property result>	*Plain*	sess
evaluation period of <bes property>	evaluation periods	<time interval>	<bes property>	*Plain*	sess
expiration time of <bes action>	expiration times	<time>	<bes action>	*Plain*	sess
explicit owner of <bes site>	explicit owners	<bes user>	<bes site>	*Plain*	sess
explicit owner set of <bes site>	explicit owner sets	<bes user set>	<bes site>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
explicit reader of <bes site>	explicit readers	<bes user>	<bes site>	*Plain*	sess
explicit reader set of <bes site>	explicit reader sets	<bes user set>	<bes site>	*Plain*	sess
explicit writer of <bes site>	explicit writers	<bes user>	<bes site>	*Plain*	sess
explicit writer set of <bes site>	explicit writer sets	<bes user set>	<bes site>	*Plain*	sess
exponential fit of <statistical bin>	exponential fits	<exponential projection>	<statistical bin>	*Plain*	sess
external site flag of <bes site>	external site flags	<boolean>	<bes site>	*Plain*	sess
extrapolation <time> of <exponential projection>	extrapolations	<floating point>	<exponential projection>	*Index<time>*	sess
extrapolation <time> of <linear projection>	extrapolations	<floating point>	<linear projection>	*Index<time>*	sess
extrema of <date>	extremas	<(date, date)>	<date>	*Plain*	core
extrema of <day of month>	extremas	<(day of month, day of month)>	<day of month>	*Plain*	core
extrema of <day of year>	extremas	<(day of year, day of year)>	<day of year>	*Plain*	core
extrema of <floating point>	extremas	<(floating point, floating point)>	<floating point>	*Plain*	core
extrema of <hertz>	extremas	<(hertz, hertz)>	<hertz>	*Plain*	core
extrema of <integer>	extremas	<(integer, integer)>	<integer>	*Plain*	core
extrema of <ipv4 address>	extremas	<(ipv4 address, ipv4 address)>	<ipv4 address>	*Plain*	core
extrema of <ipv4or6 address>	extremas	<(ipv4or6 address, ipv4or6 address)>	<ipv4or6 address>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
extrema of <ipv6 address>	extremas	<(ipv6 address, ipv6 address)>	<ipv6 address>	*Plain*	core
extrema of <month and year>	extremas	<(month and year, month and year)>	<month and year>	*Plain*	core
extrema of <month>	extremas	<(month, month)>	<month>	*Plain*	core
extrema of <number of months>	extremas	<(number of months, number of months)>	<number of months>	*Plain*	core
extrema of <rate>	extremas	<(rate, rate)>	<rate>	*Plain*	sess
extrema of <site version list>	extremas	<(site version list, site version list)>	<site version list>	*Plain*	core
extrema of <time interval>	extremas	<(time interval, time interval)>	<time interval>	*Plain*	core
extrema of <time of day>	extremas	<(time of day, time of day)>	<time of day>	*Plain*	core
extrema of <time>	extremas	<(time, time)>	<time>	*Plain*	core
extrema of <version>	extremas	<(version, version)>	<version>	*Plain*	core
extrema of <year>	extremas	<(year, year)>	<year>	*Plain*	core
failure rate of <statistical bin>	failure rates	<floating point>	<statistical bin>	*Plain*	sess
false	falses	<boolean>	<world>	*PlainGlobal*	core
february	februarys	<month>	<world>	*PlainGlobal*	core
february <integer>	februarys	<day of year>	<world>	*NumberedGlobal*	core
february <integer> of <integer>	februarys	<date>	<integer>	*Numbered*	core
february of <integer>	februarys	<month and year>	<integer>	*Plain*	core
field <string> of <bes fixlet>	fields	<bes fixlet field>	<bes fixlet>	*Named*	sess
field of <bes fixlet>	fields	<bes fixlet field>	<bes fixlet>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
field of <bes unmanagedasset>	fields	<bes unmanagedasset field>	<bes unmanagedasset>	*Plain*	sess
filter of <bes domain>	filters	<bes filter>	<bes domain>	*Plain*	sess
filter set of <bes domain>	filter sets	<bes filter set>	<bes domain>	*Plain*	sess
filterable flag of <bes unmanagedasset field>	filterable flags	<boolean>	<bes unmanagedasset field>	*Plain*	sess
final part <time interval> of <time range>	final parts	<time range>	<time range>	*Index<time interval>*	core
finite of <floating point>	finites	<boolean>	<floating point>	*Plain*	core
fips mode failure message of <cryptography>	fips mode failure messages	<string>	<cryptography>	*Plain*	core
fips mode of <cryptography>	fips modes	<boolean>	<cryptography>	*Plain*	core
first <day of week> of <month and year>	firsts	<date>	<month and year>	*Index<day of week>*	core
first <integer> of <string>	firsts	<substring>	<string>	*Numbered*	core
first <string> of <string>	firsts	<substring>	<string>	*Named*	core
first became relevant of <bes fixlet result>	first became relevants	<time>	<bes fixlet result>	*Plain*	sess
first child of <xml dom node>	first children	<xml dom node>	<xml dom node>	*Plain*	core
first friday of <month and year>	first fridays	<date>	<month and year>	*Plain*	core
first match <regular expression> of <string>	first matches	<regular expression match>	<string>	*Index<regular expression>*	regx

Key Phrase	Plural	Creates a	From a	*Form*	Ref
first monday of <month and year>	first mondays	<date>	<month and year>	*Plain*	core
first saturday of <month and year>	first saturdays	<date>	<month and year>	*Plain*	core
first sunday of <month and year>	first sundays	<date>	<month and year>	*Plain*	core
first thursday of <month and year>	first thursdays	<date>	<month and year>	*Plain*	core
first tuesday of <month and year>	first tuesdays	<date>	<month and year>	*Plain*	core
first wednesday of <month and year>	first wednesdays	<date>	<month and year>	*Plain*	core
fixlet <integer> of <bes site>	fixlets	<bes fixlet>	<bes site>	*Numbered*	sess
fixlet flag of <bes filter>	fixlet flags	<boolean>	<bes filter>	*Plain*	sess
fixlet flag of <bes fixlet>	fixlet flags	<boolean>	<bes fixlet>	*Plain*	sess
fixlet of <bes fixlet result>	fixlets	<bes fixlet>	<bes fixlet result>	*Plain*	sess
fixlet of <bes site>	fixlets	<bes fixlet>	<bes site>	*Plain*	sess
fixlet set of <bes filter>	fixlet sets	<bes fixlet set>	<bes filter>	*Plain*	sess
fixlet set of <bes site>	fixlet sets	<bes fixlet set>	<bes site>	*Plain*	sess
floating point <floating point>	floating points	<floating point>	<world>	*Index<floating point>Global*	core
floating point <string>	floating points	<floating point>	<world>	*NamedGlobal*	core
following text of <string position>	following texts	<substring>	<string position>	*Plain*	core
following text of <substring>	following texts	<substring>	<substring>	*Plain*	core
format <string>	formats	<format>	<world>	*NamedGlobal*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
friday	fridays	<day of week>	<world>	*PlainGlobal*	core
geometric mean of <statistical bin>	geometric means	<floating point>	<statistical bin>	*Plain*	sess
ghz	ghzs	<hertz>	<world>	*PlainGlobal*	core
globally readable flag of <bes site>	globally readable flags	<boolean>	<bes site>	*Plain*	sess
globally visible flag of <bes fixlet>	globally visible flags	<boolean>	<bes fixlet>	*Plain*	sess
greatest hz	greatest hzs	<hertz>	<world>	*PlainGlobal*	core
greatest integer	greatest integers	<integer>	<world>	*PlainGlobal*	core
greatest time interval	greatest time intervals	<time interval>	<world>	*PlainGlobal*	core
group flag of <bes filter>	group flags	<boolean>	<bes filter>	*Plain*	sess
group flag of <bes fixlet>	group flags	<boolean>	<bes fixlet>	*Plain*	sess
group member flag of <bes action>	group member flags	<boolean>	<bes action>	*Plain*	sess
h1 <string> of <html>	h1s	<html>	<html>	*Named*	core
h1 <string> of <string>	h1s	<html>	<string>	*Named*	core
h1 of <html>	h1s	<html>	<html>	*Plain*	core
h1 of <string>	h1s	<html>	<string>	*Plain*	core
h2 <string> of <html>	h2s	<html>	<html>	*Named*	core
h2 <string> of <string>	h2s	<html>	<string>	*Named*	core
h2 of <html>	h2s	<html>	<html>	*Plain*	core
h2 of <string>	h2s	<html>	<string>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
h3 <string> of <html>	h3s	<html>	<html>	*Named*	core
h3 <string> of <string>	h3s	<html>	<string>	*Named*	core
h3 of <html>	h3s	<html>	<html>	*Plain*	core
h3 of <string>	h3s	<html>	<string>	*Plain*	core
h4 <string> of <html>	h4s	<html>	<html>	*Named*	core
h4 <string> of <string>	h4s	<html>	<string>	*Named*	core
h4 of <html>	h4s	<html>	<html>	*Plain*	core
h4 of <string>	h4s	<html>	<string>	*Plain*	core
h5 <string> of <html>	h5s	<html>	<html>	*Named*	core
h5 <string> of <string>	h5s	<html>	<string>	*Named*	core
h5 of <html>	h5s	<html>	<html>	*Plain*	core
h5 of <string>	h5s	<html>	<string>	*Plain*	core
h6 <string> of <html>	h6s	<html>	<html>	*Named*	core
h6 <string> of <string>	h6s	<html>	<string>	*Named*	core
h6 of <html>	h6s	<html>	<html>	*Plain*	core
h6 of <string>	h6s	<html>	<string>	*Plain*	core
head <string> of <html>	heads	<html>	<html>	*Named*	core
head <string> of <string>	heads	<html>	<string>	*Named*	core
head of <html>	heads	<html>	<html>	*Plain*	core
head of <string>	heads	<html>	<string>	*Plain*	core
hexadecet <integer> of <ipv4or6 address>	hexadecets	<integer>	<ipv4or6 address>	*Numbered*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
hexadecet <integer> of <ipv6 address>	hexadecets	<integer>	<ipv6 address>	*Numbered*	core
hexadecimal integer <string>	hexadecimal integers	<integer>	<world>	*NamedGlobal*	core
hexadecimal string <string>	hexadecimal strings	<string>	<world>	*NamedGlobal*	core
hidden bes action	hidden bes actions	<bes action>	<world>	*PlainGlobal*	sess
hidden bes action set	hidden bes action sets	<bes action set>	<world>	*PlainGlobal*	sess
hidden flag of <bes action>	hidden flags	<boolean>	<bes action>	*Plain*	sess
hostname of <bes computer>	hostnames	<string>	<bes computer>	*Plain*	sess
hour	hours	<time interval>	<world>	*PlainGlobal*	core
hour_of_day of <time of day with time zone>	hours_of_day	<integer>	<time of day with time zone>	*Plain*	core
hour_of_day of <time of day>	hours_of_day	<integer>	<time of day>	*Plain*	core
hr	hrs	<html>	<world>	*PlainGlobal*	core
hr <string>	hrs	<html>	<world>	*NamedGlobal*	core
html <string>	htmls	<html>	<world>	*NamedGlobal*	core
html <string> of <html>	htmls	<html>	<html>	*Named*	core
html <string> of <string>	htmls	<html>	<string>	*Named*	core
html concatenation <string> of <html>	html concatenations	<html>	<html>	*Named*	core
html concatenation of <html>	html concatenations	<html>	<html>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
html of <html>	htmls	<html>	<html>	*Plain*	core
html of <string>	htmls	<html>	<string>	*Plain*	core
html tag <(string, html)>	html tags	<html>	<world>	*Index<(string, html)>Global*	core
html tag <(string, html attribute list)>	html tags	<html>	<world>	*Index<(string, html attribute list)>Global*	core
html tag <(string, html attribute list, html)>	html tags	<html>	<world>	*Index<(string, html attribute list, html)>Global*	core
html tag <(string, html attribute list, string)>	html tags	<html>	<world>	*Index<(string, html attribute list, string)>Global*	core
html tag <(string, string)>	html tags	<html>	<world>	*Index<(string, string)>Global*	core
html tag <string> of <html>	html tags	<html>	<html>	*Named*	core
html tag <string> of <string>	html tags	<html>	<string>	*Named*	core
hz	hzs	<hertz>	<world>	*PlainGlobal*	core
id of <bes action>	ids	<integer>	<bes action>	*Plain*	sess
id of <bes activation>	ids	<integer>	<bes activation>	*Plain*	sess
id of <bes baseline component>	ids	<integer>	<bes baseline component>	*Plain*	sess
id of <bes computer group>	ids	<integer>	<bes computer group>	*Plain*	sess
id of <bes computer>	ids	<integer>	<bes computer>	*Plain*	sess
id of <bes domain>	ids	<string>	<bes domain>	*Plain*	sess
id of <bes filter>	ids	<integer>	<bes filter>	*Plain*	sess
id of <bes fixlet>	ids	<integer>	<bes fixlet>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
id of <bes property>	ids	<(integer, integer, integer)>	<bes property>	*Plain*	sess
id of <bes site>	ids	<integer>	<bes site>	*Plain*	sess
id of <bes unmanagedasset>	ids	<integer>	<bes unmanagedasset>	*Plain*	sess
in console context	in console contexts	<boolean>	<world>	*PlainGlobal*	sess
in web reports context	in web reports contexts	<boolean>	<world>	*PlainGlobal*	sess
include in relevance flag of <bes baseline component>	include in relevance flags	<boolean>	<bes baseline component>	*Plain*	sess
index type of <property>	index types	<type>	<property>	*Plain*	core
inexact of <floating point>	inexacts	<boolean>	<floating point>	*Plain*	core
infinite of <floating point>	infinites	<boolean>	<floating point>	*Plain*	core
initial part <time interval> of <time range>	initial parts	<time range>	<time range>	*Index<time interval>*	core
ins <string> of <html>	inss	<html>	<html>	*Named*	core
ins <string> of <string>	inss	<html>	<string>	*Named*	core
ins of <html>	inss	<html>	<html>	*Plain*	core
ins of <string>	inss	<html>	<string>	*Plain*	core
integer <integer>	integers	<integer>	<world>	*NumberedGlobal*	core
integer <string>	integers	<integer>	<world>	*NamedGlobal*	core
integer ceiling of <floating point>	integer ceilings	<integer>	<floating point>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
integer floor of <floating point>	integer floors	<integer>	<floating point>	*Plain*	core
integer in <(integer, integer)>	integers in	<integer>	<world>	*Index<(integer, integer)>Global*	core
integer in <(integer, integer, integer)>	integers in	<integer>	<world>	*Index<(integer, integer, integer)>Global*	core
integer to <integer>	integers to	<integer>	<world>	*NumberedGlobal*	core
intersection of <bes action set>	intersections	<bes action set>	<bes action set>	*Plain*	sess
intersection of <bes computer group set>	intersections	<bes computer group set>	<bes computer group set>	*Plain*	sess
intersection of <bes computer set>	intersections	<bes computer set>	<bes computer set>	*Plain*	sess
intersection of <bes domain set>	intersections	<bes domain set>	<bes domain set>	*Plain*	sess
intersection of <bes filter set>	intersections	<bes filter set>	<bes filter set>	*Plain*	sess
intersection of <bes fixlet set>	intersections	<bes fixlet set>	<bes fixlet set>	*Plain*	sess
intersection of <bes property set>	intersections	<bes property set>	<bes property set>	*Plain*	sess
intersection of <bes site set>	intersections	<bes site set>	<bes site set>	*Plain*	sess
intersection of <bes unmanagedasset set>	intersections	<bes unmanagedasset set>	<bes unmanagedasset set>	*Plain*	sess
intersection of <bes user set>	intersections	<bes user set>	<bes user set>	*Plain*	sess
intersection of <bes wizard set>	intersections	<bes wizard set>	<bes wizard set>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
intersection of <integer set>	intersections	<integer set>	<integer set>	*Plain*	core
intersection of <string set>	intersections	<string set>	<string set>	*Plain*	core
invalid before of <x509 certificate>	invalid befores	<time>	<x509 certificate>	*Plain*	core
invalid of <floating point>	invalids	<boolean>	<floating point>	*Plain*	core
ip address of <bes computer>	ip addresses	<ipv4or6 address>	<bes computer>	*Plain*	sess
ip version <integer>	ip versions	<ip version>	<world>	*NumberedGlobal*	core
ip version of <ipv4or6 address>	ip versions	<ip version>	<ipv4or6 address>	*Plain*	core
ipv4	ipv4s	<ip version>	<world>	*PlainGlobal*	core
ipv4 address <string>	ipv4 addresses	<ipv4 address>	<world>	*NamedGlobal*	core
ipv4 part of <ipv4or6 address>	ipv4 parts	<ipv4 address>	<ipv4or6 address>	*Plain*	core
ipv4 part of <ipv6 address>	ipv4 parts	<ipv4 address>	<ipv6 address>	*Plain*	core
ipv4or6 address <string>	ipv4or6 addresses	<ipv4or6 address>	<world>	*NamedGlobal*	core
ipv6	ipv6s	<ip version>	<world>	*PlainGlobal*	core
ipv6 address <string>	ipv6 addresses	<ipv6 address>	<world>	*NamedGlobal*	core
issued action of <bes user>	issued actions	<bes action>	<bes user>	*Plain*	sess
issued action set of <bes user>	issued action sets	<bes action set>	<bes user>	*Plain*	sess
issued computer group of <bes user>	issued computer groups	<bes computer group>	<bes user>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
issued computer group set of <bes user>	issued computer group sets	<bes computer group set>	<bes user>	*Plain*	sess
issued fixlet of <bes user>	issued fixlets	<bes fixlet>	<bes user>	*Plain*	sess
issued fixlet set of <bes user>	issued fixlet sets	<bes fixlet set>	<bes user>	*Plain*	sess
issuer of <bes action>	issuers	<bes user>	<bes action>	*Plain*	sess
issuer of <bes activation>	issuers	<bes user>	<bes activation>	*Plain*	sess
issuer of <bes computer group>	issuers	<bes user>	<bes computer group>	*Plain*	sess
issuer of <bes fixlet>	issuers	<bes user>	<bes fixlet>	*Plain*	sess
italic <string> of <html>	italics	<html>	<html>	*Named*	core
italic <string> of <string>	italics	<html>	<string>	*Named*	core
italic of <html>	italics	<html>	<html>	*Plain*	core
italic of <string>	italics	<html>	<string>	*Plain*	core
january	januarys	<month>	<world>	*PlainGlobal*	core
january <integer>	januarys	<day of year>	<world>	*NumberedGlobal*	core
january <integer> of <integer>	januarys	<date>	<integer>	*Numbered*	core
january of <integer>	januarys	<month and year>	<integer>	*Plain*	core
javascript array <string> of <boolean>	javascript arrays	<html>	<boolean>	*Named*	sess
javascript array <string> of <integer>	javascript arrays	<html>	<integer>	*Named*	sess
javascript array <string> of <statistical bin>	javascript arrays	<html>	<statistical bin>	*Named*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
javascript array <string> of <string>	javascript arrays	<html>	<string>	*Named*	sess
join by intersection flag of <bes filter>	join by intersection flags	<boolean>	<bes filter>	*Plain*	sess
july	julys	<month>	<world>	*PlainGlobal*	core
july <integer>	julys	<day of year>	<world>	*NumberedGlobal*	core
july <integer> of <integer>	julys	<date>	<integer>	*Numbered*	core
july of <integer>	julys	<month and year>	<integer>	*Plain*	core
june	junes	<month>	<world>	*PlainGlobal*	core
june <integer>	junes	<day of year>	<world>	*NumberedGlobal*	core
june <integer> of <integer>	junes	<date>	<integer>	*Numbered*	core
june of <integer>	junes	<month and year>	<integer>	*Plain*	core
kbd <string> of <html>	kbds	<html>	<html>	*Named*	core
kbd <string> of <string>	kbds	<html>	<string>	*Named*	core
kbd of <html>	kbds	<html>	<html>	*Plain*	core
kbd of <string>	kbds	<html>	<string>	*Plain*	core
keep statistics flag of <bes property>	keep statistics flags	<boolean>	<bes property>	*Plain*	sess
khz	khzs	<hertz>	<world>	*PlainGlobal*	core
kurtosis of <statistical bin>	kurtoses	<floating point>	<statistical bin>	*Plain*	sess
last <integer> of <string>	lasts	<substring>	<string>	*Numbered*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
last <string> of <string>	lasts	<substring>	<string>	*Named*	core
last became nonrelevant of <bes fixlet result>	last became nonrelevants	<time>	<bes fixlet result>	*Plain*	sess
last became relevant of <bes fixlet result>	last became relevants	<time>	<bes fixlet result>	*Plain*	sess
last child of <xml dom node>	last children	<xml dom node>	<xml dom node>	*Plain*	core
last login time of <bes user>	last login times	<time>	<bes user>	*Plain*	sess
last report time of <bes computer>	last report times	<time>	<bes computer>	*Plain*	sess
leap of <year>	leaps	<boolean>	<year>	*Plain*	core
least hz	least hzs	<hertz>	<world>	*PlainGlobal*	core
least integer	least integers	<integer>	<world>	*PlainGlobal*	core
least significant one bit of <bit set>	least significant one bits	<integer>	<bit set>	*Plain*	core
least time interval	least time intervals	<time interval>	<world>	*PlainGlobal*	core
left operand type of <binary operator>	left operand types	<type>	<binary operator>	*Plain*	core
left shift <integer> of <bit set>	left shifts	<bit set>	<bit set>	*Numbered*	core
length of <month and year>	lengths	<time interval>	<month and year>	*Plain*	core
length of <rope>	lengths	<integer>	<rope>	*Plain*	core
length of <statistical bin>	lengths	<time interval>	<statistical bin>	*Plain*	sess
length of <string>	lengths	<integer>	<string>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
length of <time range>	lengths	<time interval>	<time range>	*Plain*	core
length of <year>	lengths	<time interval>	<year>	*Plain*	core
less significance <integer> of <floating point>	less significances	<floating point>	<floating point>	*Numbered*	core
li <string> of <html>	lis	<html>	<html>	*Named*	core
li <string> of <string>	lis	<html>	<string>	*Named*	core
li of <html>	lis	<html>	<html>	*Plain*	core
li of <string>	lis	<html>	<string>	*Plain*	core
license type of <bes computer>	license types	<string>	<bes computer>	*Plain*	sess
line number of <bes action result>	line numbers	<integer>	<bes action result>	*Plain*	sess
linear fit of <statistical bin>	linear fits	<linear projection>	<statistical bin>	*Plain*	sess
link <html> of <bes action>	links	<html>	<bes action>	*Index<html>*	sess
link <html> of <bes computer>	links	<html>	<bes computer>	*Index<html>*	sess
link <html> of <bes domain>	links	<html>	<bes domain>	*Index<html>*	sess
link <html> of <bes fixlet>	links	<html>	<bes fixlet>	*Index<html>*	sess
link <html> of <bes unmanagedasset>	links	<html>	<bes unmanagedasset>	*Index<html>*	sess
link <html> of <bes user>	links	<html>	<bes user>	*Index<html>*	sess
link <html> of <bes wizard>	links	<html>	<bes wizard>	*Index<html>*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
link <string> of <bes action>	links	<html>	<bes action>	*Named*	sess
link <string> of <bes computer>	links	<html>	<bes computer>	*Named*	sess
link <string> of <bes domain>	links	<html>	<bes domain>	*Named*	sess
link <string> of <bes fixlet>	links	<html>	<bes fixlet>	*Named*	sess
link <string> of <bes unmanagedasset>	links	<html>	<bes unmanagedasset>	*Named*	sess
link <string> of <bes user>	links	<html>	<bes user>	*Named*	sess
link <string> of <bes wizard>	links	<html>	<bes wizard>	*Named*	sess
link <string> of <html>	links	<html>	<html>	*Named*	core
link <string> of <string>	links	<html>	<string>	*Named*	core
link href of <bes action>	link hrefs	<string>	<bes action>	*Plain*	sess
link href of <bes computer>	link hrefs	<string>	<bes computer>	*Plain*	sess
link href of <bes domain>	link hrefs	<string>	<bes domain>	*Plain*	sess
link href of <bes fixlet>	link hrefs	<string>	<bes fixlet>	*Plain*	sess
link href of <bes unmanagedasset>	link hrefs	<string>	<bes unmanagedasset>	*Plain*	sess
link href of <bes user>	link hrefs	<string>	<bes user>	*Plain*	sess
link href of <bes wizard>	link hrefs	<string>	<bes wizard>	*Plain*	sess
link of <bes action>	links	<html>	<bes action>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
link of <bes computer>	links	<html>	<bes computer>	*Plain*	sess
link of <bes domain>	links	<html>	<bes domain>	*Plain*	sess
link of <bes fixlet>	links	<html>	<bes fixlet>	*Plain*	sess
link of <bes unmanagedasset>	links	<html>	<bes unmanagedasset>	*Plain*	sess
link of <bes user>	links	<html>	<bes user>	*Plain*	sess
link of <bes wizard>	links	<html>	<bes wizard>	*Plain*	sess
link of <html>	links	<html>	<html>	*Plain*	core
link of <string>	links	<html>	<string>	*Plain*	core
local time <string>	local times	<time>	<world>	*NamedGlobal*	core
local time zone	local time zones	<time zone>	<world>	*PlainGlobal*	core
locally visible flag of <bes fixlet>	locally visible flags	<boolean>	<bes fixlet>	*Plain*	sess
locked flag of <bes computer>	locked flags	<boolean>	<bes computer>	*Plain*	sess
logarithm kurtosis of <statistical bin>	logarithm kurtoses	<floating point>	<statistical bin>	*Plain*	sess
logarithm skewness of <statistical bin>	logarithm skewnesses	<floating point>	<statistical bin>	*Plain*	sess
logarithm standard deviation of <statistical bin>	logarithm standard deviations	<floating point>	<statistical bin>	*Plain*	sess
logarithm variance of <statistical bin>	logarithm variances	<floating point>	<statistical bin>	*Plain*	sess
management rights flag of <bes action>	management rights flags	<boolean>	<bes action>	*Plain*	sess
manual flag of <bes computer group>	manual flags	<boolean>	<bes computer group>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
march	marchs	<month>	<world>	*PlainGlobal*	core
march <integer>	marchs	<day of year>	<world>	*NumberedGlobal*	core
march <integer> of <integer>	marchs	<date>	<integer>	*Numbered*	core
march of <integer>	marchs	<month and year>	<integer>	*Plain*	core
master flag of <bes user>	master flags	<boolean>	<bes user>	*Plain*	sess
master site flag of <bes fixlet>	master site flags	<boolean>	<bes fixlet>	*Plain*	sess
master site flag of <bes site>	master site flags	<boolean>	<bes site>	*Plain*	sess
match <regular expression> of <string>	matches	<regular expression match>	<string>	*Index<regular expression>*	regx
maximum of <date>	maxima	<date>	<date>	*Plain*	core
maximum of <day of month>	maxima	<day of month>	<day of month>	*Plain*	core
maximum of <day of year>	maxima	<day of year>	<day of year>	*Plain*	core
maximum of <floating point>	maxima	<floating point>	<floating point>	*Plain*	core
maximum of <hertz>	maxima	<hertz>	<hertz>	*Plain*	core
maximum of <integer>	maxima	<integer>	<integer>	*Plain*	core
maximum of <ipv4 address>	maxima	<ipv4 address>	<ipv4 address>	*Plain*	core
maximum of <ipv4or6 address>	maxima	<ipv4or6 address>	<ipv4or6 address>	*Plain*	core
maximum of <ipv6 address>	maxima	<ipv6 address>	<ipv6 address>	*Plain*	core
maximum of <month and year>	maxima	<month and year>	<month and year>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
maximum of <month>	maxima	<month>	<month>	*Plain*	core
maximum of <number of months>	maxima	<number of months>	<number of months>	*Plain*	core
maximum of <rate>	maxima	<rate>	<rate>	*Plain*	sess
maximum of <site version list>	maxima	<site version list>	<site version list>	*Plain*	core
maximum of <time interval>	maxima	<time interval>	<time interval>	*Plain*	core
maximum of <time of day>	maxima	<time of day>	<time of day>	*Plain*	core
maximum of <time>	maxima	<time>	<time>	*Plain*	core
maximum of <version>	maxima	<version>	<version>	*Plain*	core
maximum of <year>	maxima	<year>	<year>	*Plain*	core
maximum single computer total of <statistical bin>	maximum single computer totals	<floating point>	<statistical bin>	*Plain*	sess
maximum value of <statistical bin>	maximum values	<floating point>	<statistical bin>	*Plain*	sess
may	mays	<month>	<world>	*PlainGlobal*	core
may <integer>	mays	<day of year>	<world>	*NumberedGlobal*	core
may <integer> of <integer>	mays	<date>	<integer>	*Numbered*	core
may of <integer>	mays	<month and year>	<integer>	*Plain*	core
mean computer count of <statistical bin>	mean computer counts	<floating point>	<statistical bin>	*Plain*	sess
mean failing computer count of <statistical bin>	mean failing computer counts	<floating point>	<statistical bin>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
mean logarithm of <statistical bin>	mean logarithms	<floating point>	<statistical bin>	*Plain*	sess
mean nonzero value count of <statistical bin>	mean nonzero value counts	<floating point>	<statistical bin>	*Plain*	sess
mean of <floating point>	means	<floating point>	<floating point>	*Plain*	core
mean of <integer>	means	<floating point>	<integer>	*Plain*	core
mean of <statistical bin>	means	<floating point>	<statistical bin>	*Plain*	sess
mean sample interval of <statistical bin>	mean sample intervals	<time interval>	<statistical bin>	*Plain*	sess
mean sample rate of <statistical bin>	mean sample rates	<rate>	<statistical bin>	*Plain*	sess
mean successful computer count of <statistical bin>	mean successful computer counts	<floating point>	<statistical bin>	*Plain*	sess
mean total of <statistical bin>	mean totals	<floating point>	<statistical bin>	*Plain*	sess
mean value count of <statistical bin>	mean value counts	<floating point>	<statistical bin>	*Plain*	sess
mean zero value count of <statistical bin>	mean zero value counts	<floating point>	<statistical bin>	*Plain*	sess
member action of <bes action>	member actions	<bes action>	<bes action>	*Plain*	sess
member action set of <bes action>	member action sets	<bes action set>	<bes action>	*Plain*	sess
member of <bes computer group>	members	<bes computer>	<bes computer group>	*Plain*	sess
member set of <bes computer group>	member sets	<bes computer set>	<bes computer group>	*Plain*	sess
memory usage of <bes property>	memory usages	<integer>	<bes property>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
menu path of <bes wizard>	menu paths	<string>	<bes wizard>	*Plain*	sess
message action button flag of <bes action>	message action button flags	<boolean>	<bes action>	*Plain*	sess
message allow cancel flag of <bes action>	message allow cancel flags	<boolean>	<bes action>	*Plain*	sess
message of <bes fixlet>	messages	<html>	<bes fixlet>	*Plain*	sess
message postpone delay of <bes action>	message postpone delays	<time interval>	<bes action>	*Plain*	sess
message text of <bes action>	message texts	<string>	<bes action>	*Plain*	sess
message timeout delay of <bes action>	message timeout delays	<time interval>	<bes action>	*Plain*	sess
message title of <bes action>	message titles	<string>	<bes action>	*Plain*	sess
meta <string> of <html>	metas	<html>	<html>	*Named*	core
meta <string> of <string>	metas	<html>	<string>	*Named*	core
meta of <html>	metas	<html>	<html>	*Plain*	core
meta of <string>	metas	<html>	<string>	*Plain*	core
mhz	mhzs	<hertz>	<world>	*PlainGlobal*	core
microsecond	microseconds	<time interval>	<world>	*PlainGlobal*	core
middle action of <bes action>	middle actions	<bes action>	<bes action>	*Plain*	sess
midnight	midnights	<time of day>	<world>	*PlainGlobal*	core
millisecond	milliseconds	<time interval>	<world>	*PlainGlobal*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
mime field <string> of <bes fixlet>	mime fields	<string>	<bes fixlet>	*Named*	sess
mime field of <bes fixlet>	mime fields	<mime field>	<bes fixlet>	*Plain*	sess
minimum of <date>	minima	<date>	<date>	*Plain*	core
minimum of <day of month>	minima	<day of month>	<day of month>	*Plain*	core
minimum of <day of year>	minima	<day of year>	<day of year>	*Plain*	core
minimum of <floating point>	minima	<floating point>	<floating point>	*Plain*	core
minimum of <hertz>	minima	<hertz>	<hertz>	*Plain*	core
minimum of <integer>	minima	<integer>	<integer>	*Plain*	core
minimum of <ipv4 address>	minima	<ipv4 address>	<ipv4 address>	*Plain*	core
minimum of <ipv4or6 address>	minima	<ipv4or6 address>	<ipv4or6 address>	*Plain*	core
minimum of <ipv6 address>	minima	<ipv6 address>	<ipv6 address>	*Plain*	core
minimum of <month and year>	minima	<month and year>	<month and year>	*Plain*	core
minimum of <month>	minima	<month>	<month>	*Plain*	core
minimum of <number of months>	minima	<number of months>	<number of months>	*Plain*	core
minimum of <rate>	minima	<rate>	<rate>	*Plain*	sess
minimum of <site version list>	minima	<site version list>	<site version list>	*Plain*	core
minimum of <time interval>	minima	<time interval>	<time interval>	*Plain*	core
minimum of <time of day>	minima	<time of day>	<time of day>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
minimum of <time>	minima	<time>	<time>	*Plain*	core
minimum of <version>	minima	<version>	<version>	*Plain*	core
minimum of <year>	minima	<year>	<year>	*Plain*	core
minimum single computer total of <statistical bin>	minimum single computer totals	<floating point>	<statistical bin>	*Plain*	sess
minimum value of <statistical bin>	minimum values	<floating point>	<statistical bin>	*Plain*	sess
minute	minutes	<time interval>	<world>	*PlainGlobal*	core
minute_of_hour of <time of day with time zone>	minutes_of_hour	<integer>	<time of day with time zone>	*Plain*	core
minute_of_hour of <time of day>	minutes_of_hour	<integer>	<time of day>	*Plain*	core
modification time of <bes activation>	modification times	<time>	<bes activation>	*Plain*	sess
modification time of <bes fixlet>	modification times	<time>	<bes fixlet>	*Plain*	sess
module <string>	modules	<module>	<world>	*NamedGlobal*	core
monday	mondays	<day of week>	<world>	*PlainGlobal*	core
month	months	<number of months>	<world>	*PlainGlobal*	core
month <integer>	months	<month>	<world>	*NumberedGlobal*	core
month <string>	months	<month>	<world>	*NamedGlobal*	core
month of <date>	months	<month>	<date>	*Plain*	core
month of <day of year>	months	<month>	<day of year>	*Plain*	core
month of <month and year>	months	<month>	<month and year>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
month_and_year of <date>	months_and_years	<month and year>	<date>	*Plain*	core
more significance <integer> of <floating point>	more significances	<floating point>	<floating point>	*Numbered*	core
most significant one bit of <bit set>	most significant one bits	<integer>	<bit set>	*Plain*	core
multiple flag of <bes action>	multiple flags	<boolean>	<bes action>	*Plain*	sess
multiplicity of <bes action with multiplicity>	multiplicities	<integer>	<bes action with multiplicity>	*Plain*	sess
multiplicity of <bes computer group with multiplicity>	multiplicities	<integer>	<bes computer group with multiplicity>	*Plain*	sess
multiplicity of <bes computer with multiplicity>	multiplicities	<integer>	<bes computer with multiplicity>	*Plain*	sess
multiplicity of <bes domain with multiplicity>	multiplicities	<integer>	<bes domain with multiplicity>	*Plain*	sess
multiplicity of <bes filter with multiplicity>	multiplicities	<integer>	<bes filter with multiplicity>	*Plain*	sess
multiplicity of <bes fixlet with multiplicity>	multiplicities	<integer>	<bes fixlet with multiplicity>	*Plain*	sess
multiplicity of <bes property with multiplicity>	multiplicities	<integer>	<bes property with multiplicity>	*Plain*	sess
multiplicity of <bes site with multiplicity>	multiplicities	<integer>	<bes site with multiplicity>	*Plain*	sess
multiplicity of <bes unmanagedasset with multiplicity>	multiplicities	<integer>	<bes unmanagedasset with multiplicity>	*Plain*	sess
multiplicity of <bes user with multiplicity>	multiplicities	<integer>	<bes user with multiplicity>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
multiplicity of <bes wizard with multiplicity>	multiplicities	<integer>	<bes wizard with multiplicity>	*Plain*	sess
multiplicity of <date with multiplicity>	multiplicities	<integer>	<date with multiplicity>	*Plain*	core
multiplicity of <day of month with multiplicity>	multiplicities	<integer>	<day of month with multiplicity>	*Plain*	core
multiplicity of <day of week with multiplicity>	multiplicities	<integer>	<day of week with multiplicity>	*Plain*	core
multiplicity of <day of year with multiplicity>	multiplicities	<integer>	<day of year with multiplicity>	*Plain*	core
multiplicity of <floating point with multiplicity>	multiplicities	<integer>	<floating point with multiplicity>	*Plain*	core
multiplicity of <hertz with multiplicity>	multiplicities	<integer>	<hertz with multiplicity>	*Plain*	core
multiplicity of <integer with multiplicity>	multiplicities	<integer>	<integer with multiplicity>	*Plain*	core
multiplicity of <ipv4 address with multiplicity>	multiplicities	<integer>	<ipv4 address with multiplicity>	*Plain*	core
multiplicity of <ipv4or6 address with multiplicity>	multiplicities	<integer>	<ipv4or6 address with multiplicity>	*Plain*	core
multiplicity of <ipv6 address with multiplicity>	multiplicities	<integer>	<ipv6 address with multiplicity>	*Plain*	core
multiplicity of <month and year with multiplicity>	multiplicities	<integer>	<month and year with multiplicity>	*Plain*	core
multiplicity of <month with multiplicity>	multiplicities	<integer>	<month with multiplicity>	*Plain*	core
multiplicity of <number of months with multiplicity>	multiplicities	<integer>	<number of months with multiplicity>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
multiplicity of <rate with multiplicity>	multiplicities	<integer>	<rate with multiplicity>	*Plain*	sess
multiplicity of <site version list with multiplicity>	multiplicities	<integer>	<site version list with multiplicity>	*Plain*	core
multiplicity of <string with multiplicity>	multiplicities	<integer>	<string with multiplicity>	*Plain*	core
multiplicity of <time interval with multiplicity>	multiplicities	<integer>	<time interval with multiplicity>	*Plain*	core
multiplicity of <time of day with multiplicity>	multiplicities	<integer>	<time of day with multiplicity>	*Plain*	core
multiplicity of <time of day with time zone with multiplicity>	multiplicities	<integer>	<time of day with time zone with multiplicity>	*Plain*	core
multiplicity of <time range with multiplicity>	multiplicities	<integer>	<time range with multiplicity>	*Plain*	core
multiplicity of <time with multiplicity>	multiplicities	<integer>	<time with multiplicity>	*Plain*	core
multiplicity of <time zone with multiplicity>	multiplicities	<integer>	<time zone with multiplicity>	*Plain*	core
multiplicity of <version with multiplicity>	multiplicities	<integer>	<version with multiplicity>	*Plain*	core
multiplicity of <year with multiplicity>	multiplicities	<integer>	<year with multiplicity>	*Plain*	core
multivalued of <property>	multivalueds	<boolean>	<property>	*Plain*	core
name of <bes action parameter>	names	<string>	<bes action parameter>	*Plain*	sess
name of <bes action>	names	<string>	<bes action>	*Plain*	sess
name of <bes activation>	names	<string>	<bes activation>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
name of <bes baseline component group>	names	<string>	<bes baseline component group>	*Plain*	sess
name of <bes baseline component>	names	<string>	<bes baseline component>	*Plain*	sess
name of <bes client setting>	names	<string>	<bes client setting>	*Plain*	sess
name of <bes computer group>	names	<string>	<bes computer group>	*Plain*	sess
name of <bes computer>	names	<string>	<bes computer>	*Plain*	sess
name of <bes deployment option>	names	<string>	<bes deployment option>	*Plain*	sess
name of <bes domain>	names	<string>	<bes domain>	*Plain*	sess
name of <bes filter>	names	<string>	<bes filter>	*Plain*	sess
name of <bes fixlet field>	names	<string>	<bes fixlet field>	*Plain*	sess
name of <bes fixlet>	names	<string>	<bes fixlet>	*Plain*	sess
name of <bes property>	names	<string>	<bes property>	*Plain*	sess
name of <bes site>	names	<string>	<bes site>	*Plain*	sess
name of <bes unmanagedasset field>	names	<string>	<bes unmanagedasset field>	*Plain*	sess
name of <bes user>	names	<string>	<bes user>	*Plain*	sess
name of <bes wizard variable>	names	<string>	<bes wizard variable>	*Plain*	sess
name of <bes wizard>	names	<string>	<bes wizard>	*Plain*	sess
name of <binary operator>	names	<string>	<binary operator>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
name of <cast>	names	<string>	<cast>	*Plain*	core
name of <mime field>	names	<string>	<mime field>	*Plain*	sess
name of <type>	names	<string>	<type>	*Plain*	core
name of <unary operator>	names	<string>	<unary operator>	*Plain*	core
nan of <floating point>	nans	<boolean>	<floating point>	*Plain*	core
navbar name of <bes wizard>	navbar names	<string>	<bes wizard>	*Plain*	sess
next sibling of <xml dom node>	next siblings	<xml dom node>	<xml dom node>	*Plain*	core
node name of <xml dom node>	node names	<string>	<xml dom node>	*Plain*	core
node type of <xml dom node>	node types	<integer>	<xml dom node>	*Plain*	core
node value of <xml dom node>	node values	<string>	<xml dom node>	*Plain*	core
noon	noons	<time of day>	<world>	*PlainGlobal*	core
normal of <floating point>	normals	<boolean>	<floating point>	*Plain*	core
november	novembers	<month>	<world>	*PlainGlobal*	core
november <integer>	novembers	<day of year>	<world>	*NumberedGlobal*	core
november <integer> of <integer>	novembers	<date>	<integer>	*Numbered*	core
november of <integer>	novembers	<month and year>	<integer>	*Plain*	core
now	nows	<time>	<world>	*PlainGlobal*	core
numeric value of <string>	numeric values	<integer>	<string>	*Plain*	core
october	octobers	<month>	<world>	*PlainGlobal*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
october <integer>	octobers	<day of year>	<world>	*NumberedGlobal*	core
october <integer> of <integer>	octobers	<date>	<integer>	*Numbered*	core
october of <integer>	octobers	<month and year>	<integer>	*Plain*	core
offer category of <bes action>	offer categories	<string>	<bes action>	*Plain*	sess
offer description html of <bes action>	offer description htmls	<html>	<bes action>	*Plain*	sess
offer flag of <bes action>	offer flags	<boolean>	<bes action>	*Plain*	sess
ol <string> of <html>	ols	<html>	<html>	*Named*	core
ol <string> of <string>	ols	<html>	<string>	*Named*	core
ol of <html>	ols	<html>	<html>	*Plain*	core
ol of <string>	ols	<html>	<string>	*Plain*	core
one bit of <bit set>	one bits	<integer>	<bit set>	*Plain*	core
open action count of <bes fixlet>	open action counts	<integer>	<bes fixlet>	*Plain*	sess
operand type of <cast>	operand types	<type>	<cast>	*Plain*	core
operand type of <unary operator>	operand types	<type>	<unary operator>	*Plain*	core
operating system of <bes computer>	operating systems	<string>	<bes computer>	*Plain*	sess
operator site flag of <bes action>	operator site flags	<boolean>	<bes action>	*Plain*	sess
operator site flag of <bes fixlet>	operator site flags	<boolean>	<bes fixlet>	*Plain*	sess
operator site flag of <bes site>	operator site flags	<boolean>	<bes site>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
operator site of <bes user>	operator sites	<bes site>	<bes user>	*Plain*	sess
ordered list <string> of <html>	ordered lists	<html>	<html>	*Named*	core
ordered list <string> of <string>	ordered lists	<html>	<string>	*Named*	core
ordered list of <html>	ordered lists	<html>	<html>	*Plain*	core
ordered list of <string>	ordered lists	<html>	<string>	*Plain*	core
overflow of <floating point>	overflows	<boolean>	<floating point>	*Plain*	core
owner document of <xml dom node>	owner documents	<xml dom document>	<xml dom node>	*Plain*	core
owner flag <bes user> of <bes site>	owner flags	<boolean>	<bes site>	*Index<bes user>*	sess
owner of <bes site>	owners	<bes user>	<bes site>	*Plain*	sess
owner set of <bes site>	owner sets	<bes user set>	<bes site>	*Plain*	sess
p <string> of <html>	ps	<html>	<html>	*Named*	core
p <string> of <string>	ps	<html>	<string>	*Named*	core
p of <html>	ps	<html>	<html>	*Plain*	core
p of <string>	ps	<html>	<string>	*Plain*	core
pad of <version>	pads	<version>	<version>	*Plain*	core
parameter <string> of <bes action>	parameters	<string>	<bes action>	*Named*	sess
parameter of <bes action>	parameters	<bes action parameter>	<bes action>	*Plain*	sess
parent group of <bes action>	parent groups	<bes action>	<bes action>	*Plain*	sess
parent node of <xml dom node>	parent nodes	<xml dom node>	<xml dom node>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
parent of <type>	parents	<type>	<type>	*Plain*	core
parenthesized part <integer> of <regular expression match>	parenthesized parts	<substring>	<regular expression match>	*Numbered*	regx
parenthesized part of <regular expression match>	parenthesized parts	<substring>	<regular expression match>	*Plain*	regx
pending license update	pending license updates	<boolean>	<world>	*PlainGlobal*	sess
plain bes fixlet	plain bes fixlets	<bes fixlet>	<world>	*PlainGlobal*	sess
plain bes fixlet set	plain bes fixlet sets	<bes fixlet set>	<world>	*PlainGlobal*	sess
plural flag of <bes property result>	plural flags	<boolean>	<bes property result>	*Plain*	sess
plural name of <property>	plural names	<string>	<property>	*Plain*	core
position <integer> of <string>	positions	<string position>	<string>	*Numbered*	core
position of <string>	positions	<string position>	<string>	*Plain*	core
postaction allow cancel flag of <bes action>	postaction allow cancel flags	<boolean>	<bes action>	*Plain*	sess
postaction force delay of <bes action>	postaction force delays	<time interval>	<bes action>	*Plain*	sess
postaction message text of <bes action>	postaction message texts	<string>	<bes action>	*Plain*	sess
postaction message title of <bes action>	postaction message titles	<string>	<bes action>	*Plain*	sess
postaction postpone delay of <bes action>	postaction postpone delays	<time interval>	<bes action>	*Plain*	sess
pre <string> of <html>	pres	<html>	<html>	*Named*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
pre <string> of <string>	pres	<html>	<string>	*Named*	core
pre of <html>	pres	<html>	<html>	*Plain*	core
pre of <string>	pres	<html>	<string>	*Plain*	core
pre60 flag of <bes wizard>	pre60 flags	<boolean>	<bes wizard>	*Plain*	sess
precache flag of <bes action>	precache flags	<boolean>	<bes action>	*Plain*	sess
preceding text of <string position>	preceding texts	<substring>	<string position>	*Plain*	core
preceding text of <substring>	preceding texts	<substring>	<substring>	*Plain*	core
preferred bes language	preferred bes languages	<string>	<world>	*PlainGlobal*	sess
previous sibling of <xml dom node>	previous siblings	<xml dom node>	<xml dom node>	*Plain*	core
private flag of <bes filter>	private flags	<boolean>	<bes filter>	*Plain*	sess
private flag of <bes wizard variable>	private flags	<boolean>	<bes wizard variable>	*Plain*	sess
private variable <(string, string)>	private variables	<string>	<world>	*Index<(string, string)>Global*	sess
private variable <string> of <bes wizard>	private variables	<string>	<bes wizard>	*Named*	sess
private variable of <bes wizard>	private variables	<bes wizard variable>	<bes wizard>	*Plain*	sess
product of <floating point>	products	<floating point>	<floating point>	*Plain*	core
product of <integer>	products	<integer>	<integer>	*Plain*	core
property <integer> of <bes fixlet>	properties	<bes property>	<bes fixlet>	*Numbered*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
property <string>	properties	<property>	<world>	*NamedGlobal*	core
property <string> of <type>	properties	<property>	<type>	*Named*	core
property of <bes fixlet>	properties	<bes property>	<bes fixlet>	*Plain*	sess
property of <bes property result>	properties	<bes property>	<bes property result>	*Plain*	sess
property of <type>	properties	<property>	<type>	*Plain*	core
property result of <bes computer>	property results	<bes property result>	<bes computer>	*Plain*	sess
property returning <type>	properties returning	<property>	<world>	*Index<type>Global*	core
property returning <type> of <type>	properties returning	<property>	<type>	*Index<type>*	core
q <string> of <html>	qs	<html>	<html>	*Named*	core
q <string> of <string>	qs	<html>	<string>	*Named*	core
q of <html>	qs	<html>	<html>	*Plain*	core
q of <string>	qs	<html>	<string>	*Plain*	core
range <time range> of <statistic range>	ranges	<statistic range>	<statistic range>	*Index<time range>*	sess
range after <time> of <time range>	ranges after	<time range>	<time range>	*Index<time>*	core
range before <time> of <time range>	ranges before	<time range>	<time range>	*Index<time>*	core
rate <time interval> of <exponential projection>	rates	<floating point>	<exponential projection>	*Index<time interval>*	sess
rate of <linear projection>	rates	<rate>	<linear projection>	*Plain*	sess
reader of <bes site>	readers	<bes user>	<bes site>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
reader set of <bes site>	reader sets	<bes user set>	<bes site>	*Plain*	sess
reapplication interval of <bes action>	reapplication intervals	<time interval>	<bes action>	*Plain*	sess
reapplication limit of <bes action>	reapplication limits	<integer>	<bes action>	*Plain*	sess
reapply flag of <bes action>	reapply flags	<boolean>	<bes action>	*Plain*	sess
regex <string>	regexes	<regular expression>	<world>	*NamedGlobal*	regx
regex escape of <string>	regex escapes	<string>	<string>	*Plain*	regx
regular expression <string>	regular expressions	<regular expression>	<world>	*NamedGlobal*	regx
relative significance place <integer> of <floating point>	relative significance places	<floating point>	<floating point>	*Numbered*	core
relative significance place of <floating point>	relative significance places	<floating point>	<floating point>	*Plain*	core
relay distance of <bes computer>	relay distances	<integer>	<bes computer>	*Plain*	sess
relay hostname of <bes computer>	relay hostnames	<string>	<bes computer>	*Plain*	sess
relay selection method of <bes computer>	relay selection methods	<string>	<bes computer>	*Plain*	sess
relay server flag of <bes computer>	relay server flags	<boolean>	<bes computer>	*Plain*	sess
relay server of <bes computer>	relay servers	<string>	<bes computer>	*Plain*	sess
relevance clause of <bes fixlet>	relevance clauses	<string>	<bes fixlet>	*Plain*	sess
relevance of <bes baseline component>	relevances	<string>	<bes baseline component>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
relevance of <bes fixlet>	relevances	<string>	<bes fixlet>	*Plain*	sess
relevant <(bes computer, bes fixlet)>	relevants	<boolean>	<world>	*Index<(bes computer, bes fixlet)>Global*	sess
relevant <(bes fixlet, bes computer)>	relevants	<boolean>	<world>	*Index<(bes fixlet, bes computer)>Global*	sess
relevant <bes computer> of <bes fixlet>	relevants	<boolean>	<bes fixlet>	*Index<bes computer>*	sess
relevant <bes fixlet> of <bes computer>	relevants	<boolean>	<bes computer>	*Index<bes fixlet>*	sess
relevant fixlet of <bes computer>	relevant fixlets	<bes fixlet>	<bes computer>	*Plain*	sess
relevant fixlet set of <bes computer>	relevant fixlet sets	<bes fixlet set>	<bes computer>	*Plain*	sess
relevant flag of <bes fixlet result>	relevant flags	<boolean>	<bes fixlet result>	*Plain*	sess
reported action set of <bes computer>	reported action sets	<bes action set>	<bes computer>	*Plain*	sess
reported computer set of <bes action>	reported computer sets	<bes computer set>	<bes action>	*Plain*	sess
reported computer set of <bes property>	reported computer sets	<bes computer set>	<bes property>	*Plain*	sess
reported property set of <bes computer>	reported property sets	<bes property set>	<bes computer>	*Plain*	sess
require user absence of <bes action>	require user absences	<boolean>	<bes action>	*Plain*	sess
require user presence of <bes action>	require user presences	<boolean>	<bes action>	*Plain*	sess
requires authoring flag of <bes wizard>	requires authoring flags	<boolean>	<bes wizard>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
reserved flag of <bes property>	reserved flags	<boolean>	<bes property>	*Plain*	sess
restart flag of <bes action>	restart flags	<boolean>	<bes action>	*Plain*	sess
result <(bes action, bes computer)>	results	<bes action result>	<world>	*Index<(bes action, bes computer)>Global*	sess
result <(bes computer, bes action)>	results	<bes action result>	<world>	*Index<(bes computer, bes action)>Global*	sess
result <(bes computer, bes fixlet)>	results	<bes fixlet result>	<world>	*Index<(bes computer, bes fixlet)>Global*	sess
result <(bes computer, bes property)>	results	<bes property result>	<world>	*Index<(bes computer, bes property)>Global*	sess
result <(bes fixlet, bes computer)>	results	<bes fixlet result>	<world>	*Index<(bes fixlet, bes computer)>Global*	sess
result <(bes property, bes computer)>	results	<bes property result>	<world>	*Index<(bes property, bes computer)>Global*	sess
result from <bes action> of <bes computer>	results from	<bes action result>	<bes computer>	*Index<bes action>*	sess
result from <bes computer> of <bes action>	results from	<bes action result>	<bes action>	*Index<bes computer>*	sess
result from <bes computer> of <bes fixlet>	results from	<bes fixlet result>	<bes fixlet>	*Index<bes computer>*	sess
result from <bes computer> of <bes property>	results from	<bes property result>	<bes property>	*Index<bes computer>*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
result from <bes fixlet> of <bes computer>	results from	<bes fixlet result>	<bes computer>	*Index<bes fixlet>*	sess
result from <bes property> of <bes computer>	results from	<bes property result>	<bes computer>	*Index<bes property>*	sess
result of <bes action>	results	<bes action result>	<bes action>	*Plain*	sess
result of <bes fixlet>	results	<bes fixlet result>	<bes fixlet>	*Plain*	sess
result of <bes property>	results	<bes property result>	<bes property>	*Plain*	sess
result type of <binary operator>	result types	<type>	<binary operator>	*Plain*	core
result type of <cast>	result types	<type>	<cast>	*Plain*	core
result type of <property>	result types	<type>	<property>	*Plain*	core
result type of <unary operator>	result types	<type>	<unary operator>	*Plain*	core
retry count of <bes action result>	retry counts	<integer>	<bes action result>	*Plain*	sess
retry delay of <bes action>	retry delays	<time interval>	<bes action>	*Plain*	sess
retry limit of <bes action>	retry limits	<integer>	<bes action>	*Plain*	sess
retry wait for reboot flag of <bes action>	retry wait for reboot flags	<boolean>	<bes action>	*Plain*	sess
right operand type of <binary operator>	right operand types	<type>	<binary operator>	*Plain*	core
right shift <integer> of <bit set>	right shifts	<bit set>	<bit set>	*Numbered*	core
root server flag of <bes computer>	root server flags	<boolean>	<bes computer>	*Plain*	sess
root server of <bes computer>	root servers	<string>	<bes computer>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
rope <string>	ropes	<rope>	<world>	*NamedGlobal*	core
running message text of <bes action>	running message texts	<string>	<bes action>	*Plain*	sess
running message title of <bes action>	running message titles	<string>	<bes action>	*Plain*	sess
samp <string> of <html>	samps	<html>	<html>	*Named*	core
samp <string> of <string>	samps	<html>	<string>	*Named*	core
samp of <html>	samps	<html>	<html>	*Plain*	core
samp of <string>	samps	<html>	<string>	*Plain*	core
sans id list of <bes fixlet>	sans id lists	<string>	<bes fixlet>	*Plain*	sess
saturday	saturdays	<day of week>	<world>	*PlainGlobal*	core
scope of <bes client setting>	scopes	<string>	<bes client setting>	*Plain*	sess
script of <bes fixlet action>	scripts	<string>	<bes fixlet action>	*Plain*	sess
script type of <bes fixlet action>	script types	<string>	<bes fixlet action>	*Plain*	sess
second	seconds	<time interval>	<world>	*PlainGlobal*	core
second_of_minute of <time of day with time zone>	seconds_of_minute	<integer>	<time of day with time zone>	*Plain*	core
second_of_minute of <time of day>	seconds_of_minute	<integer>	<time of day>	*Plain*	core
select <string> of <xml dom node>	selects	<xml dom node>	<xml dom node>	*Named*	core
selected groups string of <bes action>	selected groups strings	<string>	<bes action>	*Plain*	sess
september	septembers	<month>	<world>	*PlainGlobal*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
september <integer>	septembers	<day of year>	<world>	*NumberedGlobal*	core
september <integer> of <integer>	septembers	<date>	<integer>	*Numbered*	core
september of <integer>	septembers	<month and year>	<integer>	*Plain*	core
set of <bes action>	sets	<bes action set>	<bes action>	*Plain*	sess
set of <bes computer group>	sets	<bes computer group set>	<bes computer group>	*Plain*	sess
set of <bes computer>	sets	<bes computer set>	<bes computer>	*Plain*	sess
set of <bes domain>	sets	<bes domain set>	<bes domain>	*Plain*	sess
set of <bes filter>	sets	<bes filter set>	<bes filter>	*Plain*	sess
set of <bes fixlet>	sets	<bes fixlet set>	<bes fixlet>	*Plain*	sess
set of <bes property>	sets	<bes property set>	<bes property>	*Plain*	sess
set of <bes site>	sets	<bes site set>	<bes site>	*Plain*	sess
set of <bes unmanagedasset>	sets	<bes unmanagedasset set>	<bes unmanagedasset>	*Plain*	sess
set of <bes user>	sets	<bes user set>	<bes user>	*Plain*	sess
set of <bes wizard>	sets	<bes wizard set>	<bes wizard>	*Plain*	sess
set of <integer>	sets	<integer set>	<integer>	*Plain*	core
set of <string>	sets	<string set>	<string>	*Plain*	core
settings flag of <bes action>	settings flags	<boolean>	<bes action>	*Plain*	sess
sha1 of <x509 certificate>	sha1s	<string>	<x509 certificate>	*Plain*	core
shared variable <(string, string)>	shared variables	<string>	<world>	*Index<(string, string)>Global*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
shared variable <string> of <bes wizard>	shared variables	<string>	<bes wizard>	*Named*	sess
shared variable of <bes wizard>	shared variables	<bes wizard variable>	<bes wizard>	*Plain*	sess
show message flag of <bes action>	show message flags	<boolean>	<bes action>	*Plain*	sess
show running message flag of <bes action>	show running message flags	<boolean>	<bes action>	*Plain*	sess
shutdown flag of <bes action>	shutdown flags	<boolean>	<bes action>	*Plain*	sess
significance place <integer> of <floating point>	significance places	<floating point>	<floating point>	*Numbered*	core
significance place of <floating point>	significance places	<floating point>	<floating point>	*Plain*	core
significance threshold of <floating point>	significance thresholds	<floating point>	<floating point>	*Plain*	core
significant digits <integer> of <hertz>	significant digitss	<hertz>	<hertz>	*Numbered*	core
significant digits <integer> of <integer>	significant digitss	<integer>	<integer>	*Numbered*	core
simple name of <bes property>	simple names	<string>	<bes property>	*Plain*	sess
single flag of <bes action>	single flags	<boolean>	<bes action>	*Plain*	sess
singular name of <property>	singular names	<string>	<property>	*Plain*	core
site of <bes computer group>	sites	<bes site>	<bes computer group>	*Plain*	sess
site of <bes fixlet>	sites	<bes site>	<bes fixlet>	*Plain*	sess
site of <bes wizard>	sites	<bes site>	<bes wizard>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
site version list <string>	site version lists	<site version list>	<world>	*NamedGlobal*	core
size of <bes action set>	sizes	<integer>	<bes action set>	*Plain*	sess
size of <bes computer group set>	sizes	<integer>	<bes computer group set>	*Plain*	sess
size of <bes computer set>	sizes	<integer>	<bes computer set>	*Plain*	sess
size of <bes domain set>	sizes	<integer>	<bes domain set>	*Plain*	sess
size of <bes filter set>	sizes	<integer>	<bes filter set>	*Plain*	sess
size of <bes fixlet set>	sizes	<integer>	<bes fixlet set>	*Plain*	sess
size of <bes property set>	sizes	<integer>	<bes property set>	*Plain*	sess
size of <bes site set>	sizes	<integer>	<bes site set>	*Plain*	sess
size of <bes unmanagedasset set>	sizes	<integer>	<bes unmanagedasset set>	*Plain*	sess
size of <bes user set>	sizes	<integer>	<bes user set>	*Plain*	sess
size of <bes wizard set>	sizes	<integer>	<bes wizard set>	*Plain*	sess
size of <integer set>	sizes	<integer>	<integer set>	*Plain*	core
size of <string set>	sizes	<integer>	<string set>	*Plain*	core
size of <type>	sizes	<integer>	<type>	*Plain*	core
skewness of <statistical bin>	skewnesses	<floating point>	<statistical bin>	*Plain*	sess
small <string> of <html>	smalls	<html>	<html>	*Named*	core
small <string> of <string>	smalls	<html>	<string>	*Named*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
small of <html>	smalls	<html>	<html>	*Plain*	core
small of <string>	smalls	<html>	<string>	*Plain*	core
source analysis of <bes property>	source analyses	<bes fixlet>	<bes property>	*Plain*	sess
source evaluation period of <bes property>	source evaluation periods	<time interval>	<bes property>	*Plain*	sess
source fixlet of <bes action>	source fixlets	<bes fixlet>	<bes action>	*Plain*	sess
source fixlet of <bes baseline component>	source fixlets	<bes fixlet>	<bes baseline component>	*Plain*	sess
source id of <bes fixlet>	source ids	<string>	<bes fixlet>	*Plain*	sess
source id of <bes property>	source ids	<integer>	<bes property>	*Plain*	sess
source name of <bes property>	source names	<string>	<bes property>	*Plain*	sess
source of <bes fixlet>	sources	<string>	<bes fixlet>	*Plain*	sess
source of <bes unmanagedasset>	sources	<string>	<bes unmanagedasset>	*Plain*	sess
source release date of <bes fixlet>	source release dates	<date>	<bes fixlet>	*Plain*	sess
source relevance of <bes action>	source relevances	<string>	<bes action>	*Plain*	sess
source severity of <bes fixlet>	source severities	<string>	<bes fixlet>	*Plain*	sess
source severity of <fixlet count pair>	source severitys	<string>	<fixlet count pair>	*Plain*	sess
span <string> of <html>	spans	<html>	<html>	*Named*	core
span <string> of <string>	spans	<html>	<string>	*Named*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
span of <html>	spans	<html>	<html>	*Plain*	core
span of <string>	spans	<html>	<string>	*Plain*	core
standard deviation of <floating point>	standard deviations	<floating point>	<floating point>	*Plain*	core
standard deviation of <integer>	standard deviations	<floating point>	<integer>	*Plain*	core
standard deviation of <statistical bin>	standard deviations	<floating point>	<statistical bin>	*Plain*	sess
start date of <bes action>	start dates	<date>	<bes action>	*Plain*	sess
start flag of <bes action>	start flags	<boolean>	<bes action>	*Plain*	sess
start of <statistic range>	starts	<time>	<statistic range>	*Plain*	sess
start of <statistical bin>	starts	<time>	<statistical bin>	*Plain*	sess
start of <substring>	starts	<string position>	<substring>	*Plain*	core
start of <time range>	starts	<time>	<time range>	*Plain*	core
start time_of_day of <bes action>	start times_of_day	<time of day>	<bes action>	*Plain*	sess
state of <bes action>	states	<string>	<bes action>	*Plain*	sess
statistic range of <bes property>	statistic ranges	<statistic range>	<bes property>	*Plain*	sess
status of <bes action result>	statuses	<bes action status>	<bes action result>	*Plain*	sess
stopper of <bes action>	stoppers	<bes user>	<bes action>	*Plain*	sess
string <string>	strings	<string>	<world>	*NamedGlobal*	core
strong <string> of <html>	strongs	<html>	<html>	*Named*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
strong <string> of <string>	strongs	<html>	<string>	*Named*	core
strong of <html>	strongs	<html>	<html>	*Plain*	core
strong of <string>	strongs	<html>	<string>	*Plain*	core
sub <string> of <html>	subs	<html>	<html>	*Named*	core
sub <string> of <string>	subs	<html>	<string>	*Named*	core
sub of <html>	subs	<html>	<html>	*Plain*	core
sub of <string>	subs	<html>	<string>	*Plain*	core
subscribed <(bes computer, bes site)>	subscribeds	<boolean>	<world>	*Index<(bes computer, bes site)>Global*	sess
subscribed <(bes site, bes computer)>	subscribeds	<boolean>	<world>	*Index<(bes site, bes computer)>Global*	sess
subscribed <bes computer> of <bes site>	subscribeds	<boolean>	<bes site>	*Index<bes computer>*	sess
subscribed <bes site> of <bes computer>	subscribeds	<boolean>	<bes computer>	*Index<bes site>*	sess
subscribed computer of <bes site>	subscribed computers	<bes computer>	<bes site>	*Plain*	sess
subscribed computer set of <bes site>	subscribed computer sets	<bes computer set>	<bes site>	*Plain*	sess
subscribed site of <bes computer>	subscribed sites	<bes site>	<bes computer>	*Plain*	sess
subscribed site set of <bes computer>	subscribed site sets	<bes site set>	<bes computer>	*Plain*	sess
subscription flag of <bes action>	subscription flags	<boolean>	<bes action>	*Plain*	sess
subscription mode of <bes site>	subscription modes	<string>	<bes site>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
substring <(integer, integer)> of <string>	substrings	<substring>	<string>	*Index<(integer, integer)>*	core
substring <string> of <string>	substrings	<substring>	<string>	*Named*	core
substring after <string> of <string>	substrings after	<substring>	<string>	*Named*	core
substring before <string> of <string>	substrings before	<substring>	<string>	*Named*	core
substring between <string> of <string>	substrings between	<substring>	<string>	*Named*	core
substring separated by <string> of <string>	substrings separated by	<substring>	<string>	*Named*	core
success on custom relevance of <bes action>	success on custom relevances	<boolean>	<bes action>	*Plain*	sess
success on original relevance of <bes action>	success on original relevances	<boolean>	<bes action>	*Plain*	sess
success on run to completion of <bes action>	success on run to completions	<boolean>	<bes action>	*Plain*	sess
success rate of <statistical bin>	success rates	<floating point>	<statistical bin>	*Plain*	sess
sum of <floating point>	sums	<floating point>	<floating point>	*Plain*	core
sum of <integer>	sums	<integer>	<integer>	*Plain*	core
sum of <time interval>	sums	<time interval>	<time interval>	*Plain*	core
sunday	sundays	<day of week>	<world>	*PlainGlobal*	core
sup <string> of <html>	sups	<html>	<html>	*Named*	core
sup <string> of <string>	sups	<html>	<string>	*Named*	core
sup of <html>	sups	<html>	<html>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
sup of <string>	sups	<html>	<string>	*Plain*	core
symbol of <binary operator>	symbols	<string>	<binary operator>	*Plain*	core
symbol of <unary operator>	symbols	<string>	<unary operator>	*Plain*	core
table <string> of <html>	tables	<html>	<html>	*Named*	core
table <string> of <string>	tables	<html>	<string>	*Named*	core
table of <html>	tables	<html>	<html>	*Plain*	core
table of <string>	tables	<html>	<string>	*Plain*	core
tag of <bes site>	tags	<string>	<bes site>	*Plain*	sess
taken action of <bes fixlet>	taken actions	<bes action>	<bes fixlet>	*Plain*	sess
taken action set of <bes fixlet>	taken action sets	<bes action set>	<bes fixlet>	*Plain*	sess
targeted by id flag of <bes action>	targeted by id flags	<boolean>	<bes action>	*Plain*	sess
targeted by list flag of <bes action>	targeted by list flags	<boolean>	<bes action>	*Plain*	sess
targeted by property flag of <bes action>	targeted by property flags	<boolean>	<bes action>	*Plain*	sess
targeted computer of <bes action>	targeted computers	<bes computer>	<bes action>	*Plain*	sess
targeted computer set of <bes action>	targeted computer sets	<bes computer set>	<bes action>	*Plain*	sess
targeted list of <bes action>	targeted lists	<string>	<bes action>	*Plain*	sess
targeted name of <bes action>	targeted names	<string>	<bes action>	*Plain*	sess
targeting method of <bes action>	targeting methods	<string>	<bes action>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
targeting relevance of <bes action>	targeting relevances	<string>	<bes action>	*Plain*	sess
task flag of <bes filter>	task flags	<boolean>	<bes filter>	*Plain*	sess
task flag of <bes fixlet>	task flags	<boolean>	<bes fixlet>	*Plain*	sess
task set of <bes filter>	task sets	<bes fixlet set>	<bes filter>	*Plain*	sess
tbody <string> of <html>	tbodys	<html>	<html>	*Named*	core
tbody <string> of <string>	tbodys	<html>	<string>	*Named*	core
tbody of <html>	tbodys	<html>	<html>	*Plain*	core
tbody of <string>	tbodys	<html>	<string>	*Plain*	core
td <string> of <html>	tds	<html>	<html>	*Named*	core
td <string> of <string>	tds	<html>	<string>	*Named*	core
td of <html>	tds	<html>	<html>	*Plain*	core
td of <string>	tds	<html>	<string>	*Plain*	core
temporal distribution of <bes action>	temporal distributions	<time interval>	<bes action>	*Plain*	sess
text of <bes comment>	texts	<string>	<bes comment>	*Plain*	sess
tfoot <string> of <html>	tfoots	<html>	<html>	*Named*	core
tfoot <string> of <string>	tfoots	<html>	<string>	*Named*	core
tfoot of <html>	tfoots	<html>	<html>	*Plain*	core
tfoot of <string>	tfoots	<html>	<string>	*Plain*	core
th <string> of <html>	ths	<html>	<html>	*Named*	core
th <string> of <string>	ths	<html>	<string>	*Named*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
th of <html>	ths	<html>	<html>	*Plain*	core
th of <string>	ths	<html>	<string>	*Plain*	core
thead <string> of <html>	theads	<html>	<html>	*Named*	core
thead <string> of <string>	theads	<html>	<string>	*Named*	core
thead of <html>	theads	<html>	<html>	*Plain*	core
thead of <string>	theads	<html>	<string>	*Plain*	core
thursday	thursdays	<day of week>	<world>	*PlainGlobal*	core
time <string>	times	<time>	<world>	*NamedGlobal*	core
time <time zone> of <time>	times	<time of day with time zone>	<time>	*Index<time zone>*	core
time interval <string>	time intervals	<time interval>	<world>	*NamedGlobal*	core
time issued of <bes action>	times issued	<time>	<bes action>	*Plain*	sess
time of <historical computer count>	times	<time>	<historical computer count>	*Plain*	sess
time of <historical fixlet count>	times	<time>	<historical fixlet count>	*Plain*	sess
time of <time of day with time zone>	times	<time of day>	<time of day with time zone>	*Plain*	core
time range end of <bes action>	time range ends	<time of day>	<bes action>	*Plain*	sess
time range start of <bes action>	time range starts	<time of day>	<bes action>	*Plain*	sess
time stopped of <bes action>	times stopped	<time>	<bes action>	*Plain*	sess
time zone <string>	time zones	<time zone>	<world>	*NamedGlobal*	core
time_of_day <string>	times_of_day	<time of day>	<world>	*NamedGlobal*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
timestamp of <bes comment>	timestamps	<time>	<bes comment>	*Plain*	sess
title <string> of <html>	titles	<html>	<html>	*Named*	core
title <string> of <string>	titles	<html>	<string>	*Named*	core
title of <html>	titles	<html>	<html>	*Plain*	core
title of <string>	titles	<html>	<string>	*Plain*	core
top level bes action	top level bes actions	<bes action>	<world>	*PlainGlobal*	sess
top level bes action set	top level bes action sets	<bes action set>	<world>	*PlainGlobal*	sess
top level flag of <bes action>	top level flags	<boolean>	<bes action>	*Plain*	sess
total <time interval> of <statistic range>	totals	<statistical bin>	<statistic range>	*Index<time interval>*	sess
total lower bound of <statistical bin>	total lower bounds	<floating point>	<statistical bin>	*Plain*	sess
total of <statistic range>	totals	<statistical bin>	<statistic range>	*Plain*	sess
total upper bound of <statistical bin>	total upper bounds	<floating point>	<statistical bin>	*Plain*	sess
tr <string> of <html>	trs	<html>	<html>	*Named*	core
tr <string> of <string>	trs	<html>	<string>	*Named*	core
tr of <html>	trs	<html>	<html>	*Plain*	core
tr of <string>	trs	<html>	<string>	*Plain*	core
true	trues	<boolean>	<world>	*PlainGlobal*	core
tt <string> of <html>	tts	<html>	<html>	*Named*	core
tt <string> of <string>	tts	<html>	<string>	*Named*	core
tt of <html>	tts	<html>	<html>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
tt of <string>	tts	<html>	<string>	*Plain*	core
tuesday	tuesdays	<day of week>	<world>	*PlainGlobal*	core
tuple string item <integer> of <string>	tuple string items	<string>	<string>	*Numbered*	core
tuple string item of <string>	tuple string items	<string>	<string>	*Plain*	core
two digit hour of <time of day with time zone>	two digit hours	<string>	<time of day with time zone>	*Plain*	core
two digit hour of <time of day>	two digit hours	<string>	<time of day>	*Plain*	core
two digit minute of <time of day with time zone>	two digit minutes	<string>	<time of day with time zone>	*Plain*	core
two digit minute of <time of day>	two digit minutes	<string>	<time of day>	*Plain*	core
two digit second of <time of day with time zone>	two digit seconds	<string>	<time of day with time zone>	*Plain*	core
two digit second of <time of day>	two digit seconds	<string>	<time of day>	*Plain*	core
type of <bes fixlet>	types	<string>	<bes fixlet>	*Plain*	sess
type of <distinguished name component>	types	<string>	<distinguished name component>	*Plain*	core
ul <string> of <html>	uls	<html>	<html>	*Named*	core
ul <string> of <string>	uls	<html>	<string>	*Named*	core
ul of <html>	uls	<html>	<html>	*Plain*	core
ul of <string>	uls	<html>	<string>	*Plain*	core
unary operator <string>	unary operators	<unary operator>	<world>	*NamedGlobal*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
unary operator returning <type>	unary operators returning	<unary operator>	<world>	*Index<type>Global*	core
underflow of <floating point>	underflows	<boolean>	<floating point>	*Plain*	core
union of <bes action set>	unions	<bes action set>	<bes action set>	*Plain*	sess
union of <bes computer group set>	unions	<bes computer group set>	<bes computer group set>	*Plain*	sess
union of <bes computer set>	unions	<bes computer set>	<bes computer set>	*Plain*	sess
union of <bes domain set>	unions	<bes domain set>	<bes domain set>	*Plain*	sess
union of <bes filter set>	unions	<bes filter set>	<bes filter set>	*Plain*	sess
union of <bes fixlet set>	unions	<bes fixlet set>	<bes fixlet set>	*Plain*	sess
union of <bes property set>	unions	<bes property set>	<bes property set>	*Plain*	sess
union of <bes site set>	unions	<bes site set>	<bes site set>	*Plain*	sess
union of <bes unmanagedasset set>	unions	<bes unmanagedasset set>	<bes unmanagedasset set>	*Plain*	sess
union of <bes user set>	unions	<bes user set>	<bes user set>	*Plain*	sess
union of <bes wizard set>	unions	<bes wizard set>	<bes wizard set>	*Plain*	sess
union of <integer set>	unions	<integer set>	<integer set>	*Plain*	core
union of <string set>	unions	<string set>	<string set>	*Plain*	core
unique value of <bes action>	unique values	<bes action with multiplicity>	<bes action>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
unique value of <bes computer group>	unique values	<bes computer group with multiplicity>	<bes computer group>	*Plain*	sess
unique value of <bes computer>	unique values	<bes computer with multiplicity>	<bes computer>	*Plain*	sess
unique value of <bes domain>	unique values	<bes domain with multiplicity>	<bes domain>	*Plain*	sess
unique value of <bes filter>	unique values	<bes filter with multiplicity>	<bes filter>	*Plain*	sess
unique value of <bes fixlet>	unique values	<bes fixlet with multiplicity>	<bes fixlet>	*Plain*	sess
unique value of <bes property>	unique values	<bes property with multiplicity>	<bes property>	*Plain*	sess
unique value of <bes site>	unique values	<bes site with multiplicity>	<bes site>	*Plain*	sess
unique value of <bes unmanagedasset>	unique values	<bes unmanagedasset with multiplicity>	<bes unmanagedasset>	*Plain*	sess
unique value of <bes user>	unique values	<bes user with multiplicity>	<bes user>	*Plain*	sess
unique value of <bes wizard>	unique values	<bes wizard with multiplicity>	<bes wizard>	*Plain*	sess
unique value of <date>	unique values	<date with multiplicity>	<date>	*Plain*	core
unique value of <day of month>	unique values	<day of month with multiplicity>	<day of month>	*Plain*	core
unique value of <day of week>	unique values	<day of week with multiplicity>	<day of week>	*Plain*	core
unique value of <day of year>	unique values	<day of year with multiplicity>	<day of year>	*Plain*	core
unique value of <floating point>	unique values	<floating point with multiplicity>	<floating point>	*Plain*	core
unique value of <hertz>	unique values	<hertz with multiplicity>	<hertz>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
unique value of <integer>	unique values	<integer with multiplicity>	<integer>	*Plain*	core
unique value of <ipv4 address>	unique values	<ipv4 address with multiplicity>	<ipv4 address>	*Plain*	core
unique value of <ipv4or6 address>	unique values	<ipv4or6 address with multiplicity>	<ipv4or6 address>	*Plain*	core
unique value of <ipv6 address>	unique values	<ipv6 address with multiplicity>	<ipv6 address>	*Plain*	core
unique value of <month and year>	unique values	<month and year with multiplicity>	<month and year>	*Plain*	core
unique value of <month>	unique values	<month with multiplicity>	<month>	*Plain*	core
unique value of <number of months>	unique values	<number of months with multiplicity>	<number of months>	*Plain*	core
unique value of <rate>	unique values	<rate with multiplicity>	<rate>	*Plain*	sess
unique value of <site version list>	unique values	<site version list with multiplicity>	<site version list>	*Plain*	core
unique value of <string>	unique values	<string with multiplicity>	<string>	*Plain*	core
unique value of <time interval>	unique values	<time interval with multiplicity>	<time interval>	*Plain*	core
unique value of <time of day with time zone>	unique values	<time of day with time zone with multiplicity>	<time of day with time zone>	*Plain*	core
unique value of <time of day>	unique values	<time of day with multiplicity>	<time of day>	*Plain*	core
unique value of <time range>	unique values	<time range with multiplicity>	<time range>	*Plain*	core
unique value of <time zone>	unique values	<time zone with multiplicity>	<time zone>	*Plain*	core
unique value of <time>	unique values	<time with multiplicity>	<time>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
unique value of <version>	unique values	<version with multiplicity>	<version>	*Plain*	core
unique value of <year>	unique values	<year with multiplicity>	<year>	*Plain*	core
universal time <string>	universal times	<time>	<world>	*NamedGlobal*	core
universal time zone	universal time zones	<time zone>	<world>	*PlainGlobal*	core
unknown computer count of <bes baseline component>	unknown computer counts	<integer>	<bes baseline component>	*Plain*	sess
unknown computer set of <bes baseline component>	unknown computer sets	<bes computer set>	<bes baseline component>	*Plain*	sess
unlocked computer count of <bes fixlet>	unlocked computer counts	<integer>	<bes fixlet>	*Plain*	sess
unmanagedasset flag of <bes filter>	unmanagedasset flags	<boolean>	<bes filter>	*Plain*	sess
unmanagedasset privilege scanpoint flag of <bes user>	unmanagedasset privilege scanpoint flags	<boolean>	<bes user>	*Plain*	sess
unmanagedasset privilege showall flag of <bes user>	unmanagedasset privilege showall flags	<boolean>	<bes user>	*Plain*	sess
unmanagedasset privilege shownone flag of <bes user>	unmanagedasset privilege shownone flags	<boolean>	<bes user>	*Plain*	sess
unordered list <string> of <html>	unordered lists	<html>	<html>	*Named*	core
unordered list <string> of <string>	unordered lists	<html>	<string>	*Named*	core
unordered list of <html>	unordered lists	<html>	<html>	*Plain*	core

Key Phrase	Plural	Creates a	From a	*Form*	Ref
unordered list of <string>	unordered lists	<html>	<string>	*Plain*	core
untargeted flag of <bes action>	untargeted flags	<boolean>	<bes action>	*Plain*	sess
urgent flag of <bes action>	urgent flags	<boolean>	<bes action>	*Plain*	sess
url of <bes server>	urls of <bes server>	<string>	<bes server>	*Plain*	sess
url of <bes site>	urls	<string>	<bes site>	*Plain*	sess
url of <bes wizard>	urls	<string>	<bes wizard>	*Plain*	sess
user flag of <bes filter>	user flags	<boolean>	<bes filter>	*Plain*	sess
user set of <bes filter>	user sets	<bes user set>	<bes filter>	*Plain*	sess
usual name of <property>	usual names	<string>	<property>	*Plain*	core
utc time flag of <bes action>	utc time flags	<boolean>	<bes action>	*Plain*	sess
value count of <bes property result>	value counts	<integer>	<bes property result>	*Plain*	sess
value of <bes action parameter>	values	<string>	<bes action parameter>	*Plain*	sess
value of <bes client setting>	values	<string>	<bes client setting>	*Plain*	sess
value of <bes deployment option>	values	<string>	<bes deployment option>	*Plain*	sess
value of <bes fixlet field>	values	<bes fixlet field value>	<bes fixlet field>	*Plain*	sess
value of <bes property result>	values	<string>	<bes property result>	*Plain*	sess
value of <bes unmanagedasset field>	values	<string>	<bes unmanagedasset field>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
value of <bes wizard variable>	values	<string>	<bes wizard variable>	*Plain*	sess
value of <distinguished name component>	values	<string>	<distinguished name component>	*Plain*	core
value of <mime field>	values	<string>	<mime field>	*Plain*	sess
var <string> of <html>	vars	<html>	<html>	*Named*	core
var <string> of <string>	vars	<html>	<string>	*Named*	core
var of <html>	vars	<html>	<html>	*Plain*	core
var of <string>	vars	<html>	<string>	*Plain*	core
variable of <bes wizard>	variables	<bes wizard variable>	<bes wizard>	*Plain*	sess
variance of <statistical bin>	variances	<floating point>	<statistical bin>	*Plain*	sess
version <string>	versions	<version>	<world>	*NamedGlobal*	core
version of <bes site>	versions	<integer>	<bes site>	*Plain*	sess
version string <string> of <module>	version strings	<string>	<module>	*Named*	core
visible flag of <bes fixlet>	visible flags	<boolean>	<bes fixlet>	*Plain*	sess
wednesday	wednesdays	<day of week>	<world>	*PlainGlobal*	core
week	weeks	<time interval>	<world>	*PlainGlobal*	core
windows display time <string>	windows display times	<time>	<world>	*NamedGlobal*	core
wizard data of <bes fixlet>	wizard datas	<html>	<bes fixlet>	*Plain*	sess
wizard link of <bes fixlet>	wizard links	<string>	<bes fixlet>	*Plain*	sess
wizard name of <bes fixlet>	wizard names	<string>	<bes fixlet>	*Plain*	sess

Key Phrase	Plural	Creates a	From a	*Form*	Ref
wizard of <bes site>	wizards	<bes wizard>	<bes site>	*Plain*	sess
wizard of <bes wizard variable>	wizards	<bes wizard>	<bes wizard variable>	*Plain*	sess
wizard set of <bes site>	wizard sets	<bes wizard set>	<bes site>	*Plain*	sess
writer of <bes site>	writers	<bes user>	<bes site>	*Plain*	sess
writer set of <bes site>	writer sets	<bes user set>	<bes site>	*Plain*	sess
xml document of <string>	xml documents	<xml dom document>	<string>	*Plain*	core
xpath <(string, string)> of <xml dom node>	xpaths	<xml dom node>	<xml dom node>	*Index<(string, string)>*	core
xpath <string> of <xml dom node>	xpaths	<xml dom node>	<xml dom node>	*Named*	core
year	years	<number of months>	<world>	*PlainGlobal*	core
year <integer>	years	<year>	<world>	*NumberedGlobal*	core
year <string>	years	<year>	<world>	*NamedGlobal*	core
year of <date>	years	<year>	<date>	*Plain*	core
year of <month and year>	years	<year>	<month and year>	*Plain*	core
zone of <time of day with time zone>	zones	<time zone>	<time of day with time zone>	*Plain*	core
zoned time_of_day <string>	zoned times_of_day	<time of day with time zone>	<world>	*NamedGlobal*	core

Casting Operators

Casting operators help you to convert one object type into another. This section contains those casting operators pertinent to this guide, as well as the core and regex inspectors, which are available in all contexts.

Key Phrase	Creates a	From a
<bes action set> as xml	<utf8 string>	<bes action set>
<bes action status> as string	<string>	<bes action status>
<bes action> as xml	<utf8 string>	<bes action>
<bes computer group set> as xml	<utf8 string>	<bes computer group set>
<bes computer group> as xml	<utf8 string>	<bes computer group>
<bes fixlet field value> as date	<date>	<bes fixlet field value>
<bes fixlet field value> as integer	<integer>	<bes fixlet field value>
<bes fixlet field value> as string	<string>	<bes fixlet field value>
<bes fixlet field value> as time	<time>	<bes fixlet field value>
<bes fixlet set> as xml	<utf8 string>	<bes fixlet set>
<bes fixlet> as xml	<utf8 string>	<bes fixlet>
<bes property set> as xml	<utf8 string>	<bes property set>
<bes property> as xml	<utf8 string>	<bes property>
<binary operator> as string	<string>	<binary operator>
<bit set> as integer	<integer>	<bit set>
<bit set> as string	<string>	<bit set>
<boolean> as boolean	<boolean>	<boolean>
<boolean> as string	<string>	<boolean>

Key Phrase	Creates a	From a
<cast> as string	<string>	<cast>
<date> as string	<string>	<date>
<day of month> as integer	<integer>	<day of month>
<day of month> as string	<string>	<day of month>
<day of month> as two digits	<string>	<day of month>
<day of week> as string	<string>	<day of week>
<day of week> as three letters	<string>	<day of week>
<day of year> as string	<string>	<day of year>
<floating point> as floating point	<floating point>	<floating point>
<floating point> as integer	<integer>	<floating point>
<floating point> as scientific notation	<string>	<floating point>
<floating point> as standard notation	<string>	<floating point>
<floating point> as string	<string>	<floating point>
<format> as string	<string>	<format>
<hertz> as string	<string>	<hertz>
<html> as html	<html>	<html>
<html> as string	<string>	<html>
<integer> as bit set	<bit set>	<integer>
<integer> as bits	<bit set>	<integer>
<integer> as day_of_month	<day of month>	<integer>
<integer> as floating point	<floating point>	<integer>
<integer> as hexadecimal	<string>	<integer>
<integer> as integer	<integer>	<integer>
<integer> as month	<month>	<integer>

Key Phrase	Creates a	From a
<integer> as string	<string>	<integer>
<integer> as year	<year>	<integer>
<ip version> as string	<string>	<ip version>
<ipv4 address> as ipv4or6 address	<ipv4or6 address>	<ipv4 address>
<ipv4 address> as ipv6 address	<ipv6 address>	<ipv4 address>
<ipv4 address> as string	<string>	<ipv4 address>
<ipv4or6 address> as compressed string	<string>	<ipv4or6 address>
<ipv4or6 address> as compressed string with ipv4	<string>	<ipv4or6 address>
<ipv4or6 address> as compressed string with ipv4 with zone index	<string>	<ipv4or6 address>
<ipv4or6 address> as compressed string with zone index	<string>	<ipv4or6 address>
<ipv4or6 address> as ipv6 address	<ipv4or6 address>	<ipv4or6 address>
<ipv4or6 address> as string	<string>	<ipv4or6 address>
<ipv4or6 address> as string with ipv4	<string>	<ipv4or6 address>
<ipv4or6 address> as string with ipv4 with zone index	<string>	<ipv4or6 address>
<ipv4or6 address> as string with leading zeros	<string>	<ipv4or6 address>
<ipv4or6 address> as string with leading zeros with zone index	<string>	<ipv4or6 address>
<ipv4or6 address> as string with zone index	<string>	<ipv4or6 address>
<ipv6 address> as compressed string	<string>	<ipv6 address>
<ipv6 address> as compressed string with ipv4	<string>	<ipv6 address>
<ipv6 address> as compressed string with ipv4 with zone index	<string>	<ipv6 address>

Key Phrase	Creates a	From a
<ipv6 address> as compressed string with zone index	<string>	<ipv6 address>
<ipv6 address> as ipv4or6 address	<ipv4or6 address>	<ipv6 address>
<ipv6 address> as string	<string>	<ipv6 address>
<ipv6 address> as string with ipv4	<string>	<ipv6 address>
<ipv6 address> as string with ipv4 with zone index	<string>	<ipv6 address>
<ipv6 address> as string with leading zeros	<string>	<ipv6 address>
<ipv6 address> as string with leading zeros with zone index	<string>	<ipv6 address>
<ipv6 address> as string with zone index	<string>	<ipv6 address>
<month and year> as string	<string>	<month and year>
<month> as integer	<integer>	<month>
<month> as string	<string>	<month>
<month> as three letters	<string>	<month>
<month> as two digits	<string>	<month>
<number of months> as string	<string>	<number of months>
<property> as string	<string>	<property>
<rate> as string	<string>	<rate>
<rope> as string	<string>	<rope>
<site version list> as string	<string>	<site version list>
<string> as boolean	<boolean>	<string>
<string> as date	<date>	<string>
<string> as day_of_month	<day of month>	<string>
<string> as day_of_week	<day of week>	<string>

Key Phrase	Creates a	From a
<string> as floating point	<floating point>	<string>
<string> as hexadecimal	<string>	<string>
<string> as html	<html>	<string>
<string> as integer	<integer>	<string>
<string> as ipv4or6 address	<ipv4or6 address>	<string>
<string> as ipv6 address	<ipv4or6 address>	<string>
<string> as left trimmed string	<string>	<string>
<string> as local time	<time>	<string>
<string> as local zoned time_of_day	<time of day with time zone>	<string>
<string> as lowercase	<string>	<string>
<string> as month	<month>	<string>
<string> as right trimmed string	<string>	<string>
<string> as site version list	<site version list>	<string>
<string> as string	<string>	<string>
<string> as time	<time>	<string>
<string> as time interval	<time interval>	<string>
<string> as time zone	<time zone>	<string>
<string> as time_of_day	<time of day>	<string>
<string> as trimmed string	<string>	<string>
<string> as universal time	<time>	<string>
<string> as universal zoned time_of_day	<time of day with time zone>	<string>
<string> as uppercase	<string>	<string>
<string> as version	<version>	<string>

Key Phrase	Creates a	From a
<string> as windows display time	<time>	<string>
<string> as year	<year>	<string>
<string> as zoned time_of_day	<time of day with time zone>	<string>
<time interval> as string	<string>	<time interval>
<time of day with time zone> as string	<string>	<time of day with time zone>
<time of day> as string	<string>	<time of day>
<time range> as string	<string>	<time range>
<time zone> as string	<string>	<time zone>
<time> as local string	<string>	<time>
<time> as string	<string>	<time>
<time> as universal string	<string>	<time>
<type> as string	<string>	<type>
<unary operator> as string	<string>	<unary operator>
<undefined> as string	<string>	<undefined>
<version> as string	<string>	<version>
<version> as version	<version>	<version>
<xml dom node> as text	<string>	<xml dom node>
<xml dom node> as xml	<string>	<xml dom node>
<year> as integer	<integer>	<year>
<year> as string	<string>	<year>

Part Four

Notices

IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not grant you any license to these patents. You can send license inquiries, in writing, to:

IBM Director of Licensing

IBM Corporation

North Castle Drive

Armonk, NY 10504-1785

U.S.A.

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

Intellectual Property Licensing

Legal and Intellectual Property Law

IBM Japan Ltd.

1623-14, Shimotsuruma, Yamato-shi

Kanagawa 242-8502 Japan

The following paragraph does not apply to the United Kingdom or any other country where such

provisions are inconsistent with local law: INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact:

IBM Corporation

2Z4A/101

11400 Burnet Road

Austin, TX 78758 U.S.A.

Such information may be available, subject to appropriate terms and conditions, including in some cases payment of a fee.

The licensed program described in this document and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Program License Agreement or any equivalent agreement between us.

Information concerning non-IBM products was obtained from the suppliers of those products, their

published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

COPYRIGHT LICENSE:

This information contains sample application programs in source language, which illustrate programming techniques on various operating platforms. You may copy, modify, and distribute these sample programs in any form without payment to IBM, for the purposes of developing, using, marketing or distributing application programs conforming to the application programming interface for the operating platform for which the sample programs are written. These examples have not been thoroughly tested under all conditions. IBM, therefore, cannot guarantee or imply reliability, serviceability, or function of these programs. The sample programs are provided "AS IS", without warranty of any kind. IBM shall not be liable for any damages arising out of your use of the sample programs.

TRADEMARKS:

IBM, the IBM logo, and ibm.com are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both.

If these and other IBM trademarked terms are marked on their first occurrence in this information with a trademark symbol (® or ™), these symbols indicate U.S. registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also

be registered or common law trademarks in other countries. A current list of IBM trademarks is available on the Web at "Copyright and trademark information" at http://www.ibm.com/legal/copytrade.shtml.

Part Five

Index

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

R

S

T

U

V

W

Y