

# Bookmark tool

\$bookmark contains utility functions for bookmarking. The functions of this module are accessible from templates through **\$bookmark**.



## Information

The default style of bookmarks depends on the editor used. For example, Microsoft Word 2003 displays hyperlinks in blue.

### \$bookmark.openURL(url, content)

Create a hyperlink to open a URL.

|              | Name    | Type                         | Description                        |
|--------------|---------|------------------------------|------------------------------------|
| Parameter(s) | url     | java.lang.String             | A URL text.                        |
|              | content | java.lang.Object             | The text content.                  |
| Return       | -       | com.nomagic.magicreport.Link | The text content with a hyperlink. |

For example:

```
$bookmark.openURL("http://www.nomagicasia.com", "NoMagic Asia")
```

### \$bookmark.openURL(url, content)

Create a hyperlink to open a URL.

|              | Name    | Type                         | Description                        |
|--------------|---------|------------------------------|------------------------------------|
| Parameter(s) | url     | java.net.URL                 | A URL instance.                    |
|              | content | java.lang.Object             | The text content.                  |
| Return       | -       | com.nomagic.magicreport.Link | The text content with a hyperlink. |

For example:

```
$bookmark.openURL($url, "NoMagic Asia")
```

### \$bookmark.openURL(uri, content)

Create a hyperlink to open a URI.

|              | Name    | Type                         | Description                   |
|--------------|---------|------------------------------|-------------------------------|
| Parameter(s) | uri     | java.net.URI                 | A URI instance.               |
|              | content | java.lang.Object             | The text content.             |
| Return       | -       | com.nomagic.magicreport.Link | The content with a hyperlink. |

For example:

```
$bookmark.openURL($uri, "NoMagic Asia")
```

### \$bookmark.open(content)

Create a hyperlink for a bookmark. The bookmark ID will be automatically generated from the content.

|  | Name | Type | Description |
|--|------|------|-------------|
|--|------|------|-------------|

|              |         |                              |                                    |
|--------------|---------|------------------------------|------------------------------------|
| Parameter(s) | content | java.lang.Object             | The text content.                  |
| Return       | -       | com.nomagic.magicreport.Link | The text content with a hyperlink. |

### **\$bookmark.open(bookmarkId, content)**

Create a hyperlink for a bookmark. The bookmark ID value must match the parameter bookmark ID that passes onto the link.

|              | Name       | Type                         | Description                        |
|--------------|------------|------------------------------|------------------------------------|
| Parameter(s) | bookmarkId | java.lang.String             | The bookmark ID.                   |
|              | content    | java.lang.Object             | The text content.                  |
| Return       | -          | com.nomagic.magicreport.Link | The text content with a hyperlink. |

For example:

```
Click this link to: $bookmark.open($element.elementID, "Click here to $element.name")
```

### **\$bookmark.create(bookmarkObject)**

Create a bookmark. The bookmark ID will be automatically generated from the bookmark object.

|              | Name           | Type                             | Description                   |
|--------------|----------------|----------------------------------|-------------------------------|
| Parameter(s) | bookmarkObject | java.lang.Object                 | A bookmark object or content. |
| Return       | -              | com.nomagic.magicreport.Bookmark | The content with a bookmark.  |

### **\$bookmark.create(bookmarkId, bookmarkObject)**

Create a bookmark. The default element type for this function is "label".

|              | Name           | Type                             | Description                   |
|--------------|----------------|----------------------------------|-------------------------------|
| Parameter(s) | bookmarkId     | java.lang.String                 | The bookmark ID.              |
|              | bookmarkObject | java.lang.Object                 | A bookmark object or content. |
| Return       | -              | com.nomagic.magicreport.Bookmark | The content with a bookmark.  |

For example:

```
$bookmark.create($element.elementID, $element.name)
```

### **\$bookmark.create(bookmarkId, bookmarkObject, elementType)**

Create a bookmark by specifying an element type.

|              | Name           | Type                             | Description                           |
|--------------|----------------|----------------------------------|---------------------------------------|
| Parameter(s) | bookmarkId     | java.lang.String                 | The bookmark ID.                      |
|              | bookmarkObject | java.lang.Object                 | A bookmark object or content.         |
|              | elementType    | java.lang.String                 | An element type name, e.g., html tag. |
| Return       | -              | com.nomagic.magicreport.Bookmark | The content with a bookmark.          |

### **\$bookmark.getBookmarkId(id)**

Return a bookmark ID from a given string.

|              | Name | Type                             | Description               |
|--------------|------|----------------------------------|---------------------------|
| Parameter(s) | id   | java.lang.String                 | An original string value. |
| Return       | -    | com.nomagic.magicreport.Bookmark | The bookmark ID.          |

#### \$bookmark.createRef(referenceID)

Create a reference bookmark of any Microsoft Word reference numbered items.

|              | Name        | Type                                  | Description                                               |
|--------------|-------------|---------------------------------------|-----------------------------------------------------------|
| Parameter(s) | referenceID | java.lang.String                      | A reference ID.                                           |
| Return       | -           | com.nomagic.magicreport.TextReference | The content with a bookmark in the Microsoft Word format. |

#### \$bookmark.openRef(referenceID)

Create a hyperlink for a reference bookmark of any Microsoft Word reference numbered items.

|              | Name        | Type                                  | Description                                               |
|--------------|-------------|---------------------------------------|-----------------------------------------------------------|
| Parameter(s) | referenceID | java.lang.String                      | A reference ID.                                           |
| Return       | -           | com.nomagic.magicreport.TextReference | The content with a bookmark in the Microsoft Word format. |



#### Note

You can press F9 to replace the text content shown as **Refer** with the updated numbered item that it refers to.

#### \$bookmark.openRef(referenceID, referenceText)

Create a hyperlink for a reference bookmark of any Microsoft Word reference numbered items.

|              | Name          | Type                                  | Description                                               |
|--------------|---------------|---------------------------------------|-----------------------------------------------------------|
| Parameter(s) | referenceID   | java.lang.String                      | A reference ID.                                           |
|              | referenceText | java.lang.String                      | The text content.                                         |
| Return       | -             | com.nomagic.magicreport.TextReference | The content with a bookmark in the Microsoft Word format. |



#### Note

You can press F9 to replace the text content shown as **Refer referenceText** with the updated numbered item that it refers to.