SafariExtensionToolbarItem Class Reference

User Experience

2010-07-13

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SafariExtensionToolbarItem Class Reference

Inherits from	`SafariEventTarget`
Technology area:	Safari Extensions
Availability	Available in Safari 5.0 and later.

Overview

Instances of the `SafariExtensionToolbarItem` represent items that your extension adds to the Safari toolbar. Users can select which toolbar items are shown by selecting Customize Toolbar in the same way they can add and remove toolbar items that are provided by Safari.

Tasks

Setting Up the Appearance

`badge` (page 6)
The current badge number.

`image` (page 7)
The current image URL.

`label` (page 7)
The label of the toolbar item, as shown in the toolbar's overflow menu.

`paletteLabel` (page 7)
The label of the toolbar item, as shown in the Customize palette.

`toolTip` (page 8)
The tooltip (help tag) of the toolbar item.

Handling Click Events

`browserWindow` (page 6)
The containing browser window.

`command` (page 6)
The command identifier that the toolbar item sends when it is clicked.

`disabled` (page 6)
A Boolean value that indicates whether the toolbar item is disabled.

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`identifier` (page 7)
The unique identifier of the toolbar item.

`validate` (page 8)
Dispatches a validate event for this toolbar item.

Properties

badge

The current badge number.

```
attribute long badge
```

Discussion
The default value is 0, which hides the badge. If you set a value that is too long, the beginning and end of the value will be shown with an ellipsis in the middle.

Setting a value of `NaN` or `Infinity` is treated as 0. Non-integer values are rounded to the nearest integer.

Availability
Available in Safari 5.0 and later.

browserWindow

The containing browser window.

```
readonly attribute SafariBrowserWindow browserWindow
```

Availability
Available in Safari 5.0 and later.

command

The command identifier that the toolbar item sends when it is clicked.

```
attribute DOMString command
```

Discussion
This attribute is optional; its value defaults to the value of `identifier`.

Setting a value of `null`, `undefined`, or the empty string has no effect.

Availability
Available in Safari 5.0 and later.

disabled

A Boolean value that indicates whether the toolbar item is disabled.

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```
attribute boolean disabled
```

Discussion
The default value is `false`. Nothing happens when the user tries to interact with a toolbar item that is disabled.

Availability
Available in Safari 5.0 and later.

identifier

The unique identifier of the toolbar item.

```
readonly attribute DOMString identifier
```

Discussion
This attribute is required.

Availability
Available in Safari 5.0 and later.

image

The current image URL.

```
attribute DOMString image
```

Discussion
This attribute can be changed to the URL of an image in the extension bundle. Setting a value of `null`, `undefined`, or the empty string has no effect.

Availability
Available in Safari 5.0 and later.

label

The label of the toolbar item, as shown in the toolbar's overflow menu.

```
attribute DOMString label
```

Discussion
This attribute is required. Setting a value of `null`, `undefined`, or the empty string has no effect.

Availability
Available in Safari 5.0 and later.

paletteLabel

The label of the toolbar item, as shown in the Customize palette.

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```
readonly attribute DOMString paletteLabel
```

Discussion
This attribute is optional; its value defaults to the value of `label`.

Availability
Available in Safari 5.0 and later.

toolTip

The tooltip (help tag) of the toolbar item.

```
attribute DOMString toolTip
```

Discussion
This attribute is optional; its value defaults to the value of `label`.

Setting a value of `null`, `undefined`, or the empty string has no effect.

Availability
Available in Safari 5.0 and later.

Methods

validate

Dispatches a validate event for this toolbar item.

```
void validate (void);
```

Discussion
You should call this method after a state change occurs that is relevant to your validate-event listeners. Safari also automatically sends validate events for many common browser actions, such as switching tabs and navigating to a new page.

Availability
Available in Safari 5.0 and later.

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Document Revision History

This table describes the changes to *SafariExtensionToolbarItem Class Reference*.

Date	Notes
2010-07-13	Minor editorial changes throughout.
2010-05-19	New document that describes a class that represents toolbar items.

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Document Revision History

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