
SafariBrowserTab Class Reference

User Experience



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Contents

SafariBrowserTab Class Reference 5

Overview	5
Tasks	5
Getting Information About Browser Tabs	5
Working with Browser Tabs	5
Properties	6
browserWindow	6
page	6
title	6
url	6
Methods	7
activate	7
close	7
visibleContentsAsDataURL	7

Document Revision History 9

SafariBrowserTab Class Reference

Technology area:	Safari Extensions
Availability	Available in Safari 5.0 and later.

Overview

Instances of the `SafariBrowserTab` class represent tabs in the user's browser window.

Tasks

Getting Information About Browser Tabs

[browserWindow](#) (page 6)

The browser window containing this tab.

[page](#) (page 6)

A proxy object for the the web content displayed in the tab.

[title](#) (page 6)

The tab's current title.

[url](#) (page 6)

The URL loaded in this tab.

[visibleContentsAsDataURL](#) (page 7)

Returns a data URL for an image of the visible contents of the tab.

Working with Browser Tabs

[activate](#) (page 7)

Selects the tab.

[close](#) (page 7)

Requests that the tab should close.

Properties

browserWindow

The browser window containing this tab.

readonly attribute SafariBrowserWindow browserWindow

Availability

Available in Safari 5.0 and later.

page

A proxy object for the the web content displayed in the tab.

readonly attribute SafariWebPageProxy page

Availability

Available in Safari 5.0 and later.

title

The tab's current title.

readonly attribute DOMString title

Discussion

The tab's title is the same as the title of the webpage in most cases. For example, the title of the webpage may be truncated for display, but the value of this property is not truncated.

Availability

Available in Safari 5.0 and later.

url

The URL loaded in this tab.

attribute DOMString url

Discussion

Setting this attribute to a new value loads the page at the new URL in the tab.

Availability

Available in Safari 5.0 and later.

Methods

activate

Selects the tab.

```
void activate (void);
```

Discussion

Depending on the content that is currently loaded in the tab, this method may change the keyboard focus.

Availability

Available in Safari 5.0 and later.

close

Requests that the tab should close.

```
void close (void);
```

Discussion

This method behaves like clicking the tab's close button—it does not necessarily cause the tab to close. After a tab closes, the value of all of its properties is `undefined` and all of its prototype's methods return `undefined`.

Availability

Available in Safari 5.0 and later.

visibleContentsAsDataURL

Returns a data URL for an image of the visible contents of the tab.

```
DOMString visibleContentsAsDataURL (void);
```

Return Value

A data URL for an image of the visible contents of the tab.

Discussion

The image is returned as a base-64 encoded PNG.

Availability

Available in Safari 5.0 and later.

Document Revision History

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

Date	Notes
2010-06-30	Minor editorial changes throughout.
2010-05-27	New document that describes a class that represent tabs in the Safari browser window.

REVISION HISTORY

Document Revision History