SafariContentBrowserTabProxy Class Reference

User Experience

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SafariContentBrowserTabProxy Class Reference

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

Overview

Instances of the `SafariContentBrowserTabProxy` class serve as proxy objects, allowing scripts injected in the web content to communicate with `SafariBrowserTab` objects and the rest of the extension.

The counterpart class, `SafariWebPageProxy`, is used to pass messages from outside the web content to the scripts injected into it.

Tasks

Sending Messages

`canLoad` (page 5)
Dispatches a `canLoad` message to the browser window tab.

`dispatchMessage` (page 6)
Dispatches a message to the browser window tab.

`setContextMenuEventUserInfo` (page 6)
Sets the user info to the appropriate context information.

Methods

canLoad

Dispatches a `canLoad` message to the browser window tab.

```
any canLoad (in BeforeLoadEvent  event, in any  message);
```

Parameters

event
The before-load event you are responding to.

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message
The body of the message. Optional.

Discussion
Use this method to set up an observer for before-load events and call this method from the observer. Then use the return value to respond to the before-load event, permitting or blocking the resource from being loaded.

This message is sent synchronously, unlike all other messages.

dispatchMessage

Dispatches a message to the browser window tab.

```
void dispatchMessage (in DOMString  name, in any  message);
```

Parameters

name
The name of the message.

message
The body of the message. Optional.

Discussion
All messages except for `canLoad` messages are dispatched asynchronously. To send a `canLoad` message, you should use the `canLoad` (page 5) method.

Availability
Available in Safari 5.0 and later.

setContextMenuEventUserInfo

Sets the user info to the appropriate context information.

```
void setContextMenuEventUserInfo (in MouseEvent  event, in any  userInfo);
```

Parameters

event
The event you are responding to.

userInfo
The context information.

Discussion
The context information in `userInfo` is carried along through the entire event-handling process. It enables you to provide your event handlers with contextual information, such as the user interface element with which the user interacted.

Availability
Available in Safari 5.0 and later.

See Also
`SafariExtensionContextMenuEvent`
`SafariExtensionContextMenuItemValidateEvent`

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Document Revision History

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

Date	Notes
2010-06-30	Minor editorial changes throughout.
2010-05-27	New document that describes a class that is used as a proxy for a browser tab.

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Document Revision History

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