SafariExtensionContextMenu Class Reference

User Experience

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SafariExtensionContextMenu Class Reference

Technology area: Safari Extensions

Availability Available in Safari 5.0 and later.

Overview

Instances of the `SafariExtensionContextMenu` class represent a contextual menu that is populated by the extension. Safari displays the contents of this menu as part of its contextual menu.

Each time a contextual menu is about to be displayed, Safari creates a new menu, populated with the default menu items from your extension's `Info.plist` file. Next, a `SafariExtensionContextMenuEvent` event is sent, and its listeners add menu items to the menu. Then a `SafariExtensionContextMenuItemValidateEvent` is sent for each menu item, and its listeners have the opportunity to prevent items in the context menu from being displayed by marking them as disabled.

Your extension has access only to context menu items that it has added; there is no way to change or count menu items from Safari or other extensions. Therefore, it is important to limit the menu items that your extension adds to a reasonable number, to avoid displaying an unusably long contextual menu.

Tasks

Adding Menu Items

`appendContextMenuItem` (page 6)
Appends a menu item to the contextual menu.

`insertContextMenuItem` (page 6)
Inserts a menu item at a specific index in the contextual menu.

Accessing Menu Items

`contextMenuItems` (page 6)
Returns a list of the context menu items from this extension.

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Properties

contextMenuItems

Returns a list of the context menu items from this extension.

```
readonly attribute array contextMenuItems
```

Discussion
Only menu items from your extension are returned.

Availability
Available in Safari 5.0 and later.

Methods

appendContextMenuItem

Appends a menu item to the contextual menu.

```
SafariExtensionContextMenuItem appendContextMenuItem (in DOMString  identifier, in
    DOMString  title, in DOMString  command);
```

Parameters

identifier
The unique identifier of the menu item.

title
The title of the menu item.

command
The command identifier that the context menu item sends when activated. Optional.

Return Value
The context menu item that was appended.

Discussion
If another menu item with the same identifier already exists, it is removed before appending the menu item. If `command` is not supplied, `identifier` is used as the command identifier.

Availability
Available in Safari 5.0 and later.

insertContextMenuItem

Inserts a menu item at a specific index in the contextual menu.

```
SafariExtensionContextMenuItem insertContextMenuItem (in unsigned int  index, in
    DOMString  identifier, in DOMString  title, in DOMString  command);
```


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Parameters

index

The index where the menu item is being inserted.

identifier

The unique identifier of the menu item.

title

The title of the menu item.

command

The command identifier that the context menu item sends when activated. Optional.

Return Value

The context menu item that was inserted.

Discussion

If another menu item with the same identifier already exists, it is removed before appending the menu item. If `command` is not supplied, `identifier` is used as the command identifier.

Availability

Available in Safari 5.0 and later.

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Document Revision History

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

Date	Notes
2010-06-29	Minor editorial changes throughout.
2010-05-14	New document that describes a class that represents a contextual menu.

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Document Revision History

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