SafariExtensionSettings Class Reference

User Experience

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SafariExtensionSettings Class Reference

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

Overview

The `SafariExtensionsSettings` class provides a place for your extension to store settings that should persist between sessions.

Important: Use `SafariExtensionSecureSettings` to store sensitive settings, such as passwords or credit card numbers.

You can access settings using the provided methods or using JavaScript's built-in syntax, as follows:

```
// Get a value.
safari.extension.settings.someProperty
safari.extension.settings["someProperty"]
safari.extension.settings.getItem("someProperty")

// Set a value.
safari.extension.settings.someProperty = 42;
safari.extension.settings["someProperty"] = 42;
safari.extension.settings.setItem("someProperty", 42");

// Delete a value.
delete safari.extension.someProperty;
delete safari.extension["someProperty"];
safari.extension.removeItem("someProperty");
```

Note that there is a minor difference for properties that don't exist: JavaScript's build-in syntax returns `undefined`, but the `getItem` method returns `null`.

Tasks

Reading and Writing Settings

`getItem` (page 6)
Returns the current value of a key.

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`setItem` (page 7)
Sets the value of a key.

Removing Settings

`removeItem` (page 6)
Removes a key.

`clear` (page 6)
Removes all key-value pairs.

Methods

clear

Removes all key-value pairs.

```
void clear (void);
```

Discussion
If there is nothing to remove, this method does nothing.

On success, dispatches a `SafariExtensionSettingsChangeEvent` event describing the change.

Availability
Available in Safari 5.0 and later.

getItem

Returns the current value of a key.

```
any getItem (in DOMString  key);
```

Parameters

key
The key whose value is being returned.

Return Value
If the key exists, its current value; otherwise, `null`.

Availability
Available in Safari 5.0 and later.

removeItem

Removes a key.

```
void removeItem (in DOMString  key);
```


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Parameters

key

The key being removed.

Discussion

If there is no value with the given key, this method does nothing.

On success, this method dispatches a `SafariExtensionSettingsChangeEvent` event describing the change.

Availability

Available in Safari 5.0 and later.

setItem

Sets the value of a key.

```
void setItem (in DOMString  key, in any  value);
```

Parameters

key

The key whose value is being set.

value

The value being set.

Discussion

The behavior of this method is undefined if `value` cannot be serialized to a JSON value.

On success, this method dispatches a `SafariExtensionSettingsChangeEvent` event describing the change.

Availability

Available in Safari 5.0 and later.

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Document Revision History

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

Date	Notes
2010-07-13	Minor editorial changes throughout.
2010-05-27	New document that describes a class used to store extension settings.

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Document Revision History

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