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# SafariExtensionMessageEvent Class Reference

User Experience



2010-07-13



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Apple Inc.  
1 Infinite Loop  
Cupertino, CA 95014  
408-996-1010

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# SafariExtensionMessageEvent Class Reference

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<b>Inherits from</b>	SafariEvent
<b>Technology area:</b>	Safari Extensions
<b>Availability</b>	Available in Safari 5.0 and later.

## Overview

Instances of the `SafariExtensionMessageEvent` encapsulate a message being passed. Message passing is the only way to communicate information from inside the web content area to scripts running outside of it, and vice versa.

The event type for this class is `message`.

## Tasks

### Working with Messages

- [name](#) (page 6)  
The name of the message.
- [message](#) (page 5)  
The message data.

## Properties

### **message**

The message data.

attribute any message

#### **Discussion**

This attribute is optional; if you don't need it you can set it to `undefined` or `null`, or not set any value.

The data can be any scalar value, or any object that conforms to the W3C standard for safe passing of structured cloned data.

## **name**

The name of the message.

readonly attribute DOMString name

### **Discussion**

There is no fixed meaning to the name of a message; it is up to the programmer to decide how messages should be named within an extension.

A message's name must not be the empty string. The message name `canLoad` is used by the `SafariContentBrowserTabProxy` method `canLoad`; you should not send messages with this name.

# Document Revision History

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

Date	Notes
2010-07-13	Minor editorial changes throughout.
2010-05-27	New document that describes a class used to pass messages between injected scripts and the rest of the extension.

## REVISION HISTORY

### Document Revision History