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# WebKitTransitionEvent Class Reference

Audio, Video, & Visual Effects



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# WebKitTransitionEvent Class Reference

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<b>Inherits from</b>	Event
<b>Availability</b>	Available in Safari 4.0 and later. Available in iPhone OS 2.0 and later.
<b>Companion guide</b>	Safari CSS Visual Effects Guide

## Overview

`WebKitTransitionEvent` objects provide information about CSS transitions specified using the `-webkit-transition` property. An event is sent at the end of a transition for each CSS property in the transition. Each event contains the name of the CSS property and duration of the transition. You can use these events to perform some action that starts at the end of a transition.

## Types of Transition Events

The only possible string value for a transition event's `type` property is:

`webkitTransitionEnd`  
Sent when a transition completes.

## Tasks

### Accessing Properties

[propertyName](#) (page 6)

The name of the CSS property associated with the transition.

[elapsedTime](#) (page 6)

The duration of the transition, in seconds, since this event was sent. This value is not affected by the value of the CSS `-webkit-transition-delay` property.

## Initializing

[initWebKitTransitionEvent](#) (page 6)

Initializes a new transition event object.

## Properties

### elapsedTime

The duration of the transition, in seconds, since this event was sent. This value is not affected by the value of the CSS `-webkit-transition-delay` property.

```
readonly attribute double elapsedTime;
```

#### Availability

Available in Safari 4.0 and later.

Available in iPhone OS 2.0 and later.

### propertyName

The name of the CSS property associated with the transition.

```
readonly attribute DOMString propertyName;
```

#### Availability

Available in Safari 4.0 and later.

Available in iPhone OS 2.0 and later.

## Methods

### initWebKitTransitionEvent

Initializes a new transition event object.

```
void initWebKitTransitionEvent(in DOMString typeArg, in boolean canBubbleArg, in
    boolean cancelableArg, in DOMString propertyNameArg, in double
    elapsedTimeArg);
```

#### Parameters

*typeArg*

The type of event.

Possible values for this argument are described in [“Types of Transition Events”](#) (page 5). This type of event can bubble and be canceled. Its `propertyName` property is always set.

*canBubbleArg*

Determines whether the event can bubble. Pass `true` if it can bubble; otherwise, `false`.

*cancelableArg*

Determines whether the event's default action can be prevented. Pass `true` if it can be prevented; otherwise, `false`.

*propertyNameArg*

The name of the CSS property associated with this event.

*elapsedTimeArg*

The duration of the transition, in seconds, since the event was sent.

### **Discussion**

You use this method to initialize the value of a `WebKitTransitionEvent` object that is created through the `DocumentEvent` interface. This method can only be invoked before the `WebKitTransitionEvent` object is dispatched via the `dispatchEvent` method (although, it can be invoked multiple times during that phase, if necessary). If it is invoked multiple times, the final invocation takes precedence.

### **Availability**

Available in Safari 4.0 and later.

Available in iPhone OS 2.0 and later.





# Document Revision History

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

Date	Notes
2010-02-24	First revision as a collection document.

**REVISION HISTORY**

Document Revision History