| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/UIEvent.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/org/w3c/dom/events/MutationEvent.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?org/w3c/dom/events/UIEvent.html)    [**NO FRAMES**](http://docs.google.com/UIEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#tyjcwt) | DETAIL: FIELD | CONSTR | [METHOD](#1t3h5sf) |

## **org.w3c.dom.events**

Interface UIEvent

**All Superinterfaces:** [Event](http://docs.google.com/org/w3c/dom/events/Event.html) **All Known Subinterfaces:** [MouseEvent](http://docs.google.com/org/w3c/dom/events/MouseEvent.html)

public interface **UIEvent**extends [Event](http://docs.google.com/org/w3c/dom/events/Event.html)

The UIEvent interface provides specific contextual information associated with User Interface events.

See also the [Document Object Model (DOM) Level 2 Events Specification](http://www.w3.org/TR/2000/REC-DOM-Level-2-Events-20001113).

**Since:** DOM Level 2

| **Field Summary** | |
| --- | --- |

| **Fields inherited from interface org.w3c.dom.events.**[**Event**](http://docs.google.com/org/w3c/dom/events/Event.html) |
| --- |
| [AT\_TARGET](http://docs.google.com/org/w3c/dom/events/Event.html#AT_TARGET), [BUBBLING\_PHASE](http://docs.google.com/org/w3c/dom/events/Event.html#BUBBLING_PHASE), [CAPTURING\_PHASE](http://docs.google.com/org/w3c/dom/events/Event.html#CAPTURING_PHASE) |

| **Method Summary** | |
| --- | --- |
| int | [**getDetail**](http://docs.google.com/org/w3c/dom/events/UIEvent.html#getDetail())()            Specifies some detail information about the Event, depending on the type of event. |
| org.w3c.dom.views.AbstractView | [**getView**](http://docs.google.com/org/w3c/dom/events/UIEvent.html#getView())()            The view attribute identifies the AbstractView from which the event was generated. |
| void | [**initUIEvent**](http://docs.google.com/org/w3c/dom/events/UIEvent.html#initUIEvent(java.lang.String,%20boolean,%20boolean,%20org.w3c.dom.views.AbstractView,%20int))([String](http://docs.google.com/java/lang/String.html) typeArg, boolean canBubbleArg, boolean cancelableArg, org.w3c.dom.views.AbstractView viewArg, int detailArg)            The initUIEvent method is used to initialize the value of a UIEvent created through the DocumentEvent interface. |

| **Methods inherited from interface org.w3c.dom.events.**[**Event**](http://docs.google.com/org/w3c/dom/events/Event.html) |
| --- |
| [getBubbles](http://docs.google.com/org/w3c/dom/events/Event.html#getBubbles()), [getCancelable](http://docs.google.com/org/w3c/dom/events/Event.html#getCancelable()), [getCurrentTarget](http://docs.google.com/org/w3c/dom/events/Event.html#getCurrentTarget()), [getEventPhase](http://docs.google.com/org/w3c/dom/events/Event.html#getEventPhase()), [getTarget](http://docs.google.com/org/w3c/dom/events/Event.html#getTarget()), [getTimeStamp](http://docs.google.com/org/w3c/dom/events/Event.html#getTimeStamp()), [getType](http://docs.google.com/org/w3c/dom/events/Event.html#getType()), [initEvent](http://docs.google.com/org/w3c/dom/events/Event.html#initEvent(java.lang.String,%20boolean,%20boolean)), [preventDefault](http://docs.google.com/org/w3c/dom/events/Event.html#preventDefault()), [stopPropagation](http://docs.google.com/org/w3c/dom/events/Event.html#stopPropagation()) |

| **Method Detail** |
| --- |

### getView

org.w3c.dom.views.AbstractView **getView**()

The view attribute identifies the AbstractView from which the event was generated.

### getDetail

int **getDetail**()

Specifies some detail information about the Event, depending on the type of event.

### initUIEvent

void **initUIEvent**([String](http://docs.google.com/java/lang/String.html) typeArg,  
 boolean canBubbleArg,  
 boolean cancelableArg,  
 org.w3c.dom.views.AbstractView viewArg,  
 int detailArg)

The initUIEvent method is used to initialize the value of a UIEvent created through the DocumentEvent interface. This method may only be called before the UIEvent has been dispatched via the dispatchEvent method, though it may be called multiple times during that phase if necessary. If called multiple times, the final invocation takes precedence.

**Parameters:**typeArg - Specifies the event type.canBubbleArg - Specifies whether or not the event can bubble.cancelableArg - Specifies whether or not the event's default action can be prevented.viewArg - Specifies the Event's AbstractView.detailArg - Specifies the Event's detail.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/UIEvent.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/org/w3c/dom/events/MutationEvent.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?org/w3c/dom/events/UIEvent.html)    [**NO FRAMES**](http://docs.google.com/UIEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#tyjcwt) | DETAIL: FIELD | CONSTR | [METHOD](#1t3h5sf) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).