

Events

The e-government mobile standard framework provides events suitable for the smart device-based mobile environment. Since various events in Touch, Mouse and Window areas are supported selectively depending on their support, they can be used both in the mobile and PC environments. Use `live()` or `bind()` methods to apply multiple events together.

To use the following events, connect `live()` or `bind()` to `pageCreate()`.

Touch Events

tap

This takes place as soon as the touch event ends.

taphold

This takes place when touch continues for certain period of time.

swipe

This event takes place when you drag vertically (20px) or horizontally (30px) within one second. `scrollSuppressionThreshold` (default: 10px) – prevents scroll when this event takes place horizontally more than the default value.

`durationThreshold` (default: 1000ms) – the function doesn't work if the swipe continues more than the default value.

`horizontalDistanceThreshold` (default: 30px) – the event should take place horizontally more than default value.

`verticalDistanceThreshold` (default: 75px) – the event should take place less than then the default value.

swipeleft

This event takes place when swiping to the left.

swiperight

This event takes place when swiping to the right.

Orientation change event

orientationchange

This event takes place when the device screen mode changes. If the orientationChange event is not supported, the resize event is automatically bound.

Scroll events

scrollstart

The event takes places when scroll starts. (iOS device does not change DOM, but put it in the queue and then change when the scroll ends.)

scrollstop

The event takes places when scroll ends.

Page Events

Page events take place before (pagebeforeshow) and when the page (pageshow) appears and before (pagebeforehide) and when (pagehide) it is hidden.

pagebeforeshow

This events takes place before a screen is transited or the page is shown.

pagebeforehide

This events takes place before a screen is transited or the page is hidden..

pageshow

This event takes place when a screen transition is completed or after the page is shown.

pagehide

This event takes place when a screen transition is completed or after the page is hidden.

The page events get information on the previous page (prevPage) and next page (nextPage) based on the presence of previous and next pages and event types.

```
$('#div').live('pageshow', function(event, ui) {  
  alert('This page was just hidden: '+ ui.prevPage);  
});
```

```
$('#div').live('pagehide', function(event, ui) {  
  alert('This page was just shown: '+ ui.nextPage);  
});
```

In order to use the handler related to the page events when a page is loaded first time, bind the referenced JavaScript before it runs. As described in the global configuration, you can use mobileinit handler to set these settings.

Virtual mouse events

Virtual click is provided, which can recognize both mouse and touch events. The mouse events (mousedown, mousemove, mouseup and click) for PC web environment is also supported in the mobile environment.

vmouseover

Touch event or mouseover.

vmousedown

Touch event or mousedown.

vmousemove

Touch event or mousemove.

mouseup

Touch event or mouseup.

vclick

Touch event or click.

vmousecancel

Touch event or mousecancel.

Animation Events

Support the animationComplete plug-in that add or delete a class used for CSS conversion.