



Scripting languages II (LS2)

Class 06

Coding in jQuery (suite)

mouseover() and mouseout()

mouseover() and mouseout() are two events indicating what manipulation to operate when the mouse pointer hovers or not an element. In order to produce the *CSS :hover* effect, both methods needs to be used, one setting the effect while the mouse pointer is over and the other setting the effect for when the mouse pointer isn't over anymore.

```
<h2>Add a yellow background to the title below by mouseover</h2>
<h1>Content affected by mouseover() and mouseout()</h1>

<script>
$("h2").mouseover(function(){
    $("h1").css("background-color", "yellow");
});
$("h2").mouseout(function(){
    $("h1").css("background-color", "transparent");
});
</script>
```

Other mouse event (selection) :

.dblclick()

Triggers an action on double-click.

.hover()

Binds one or two handlers to the selected elements, to be executed when the mouse pointer enters and leaves the elements.

.mousedown() / .mouseup()

Triggers an action when the mouse button is down or up.

.mouseenter() / .mouseleave()

Triggers an action when the mouse pointer enters or leave an element.

.mousemove()

Triggers an action when the mouse pointer moves.

Mouse pointer coordinates

event.pageX and *event.pageY*, make it possible to, respectively, get the position of the mouse pointer from the left and the top borders. Note that in order to get the coordinate of a click, simply change *mousemove* for *click* in the example below.

```
<div id="container"> </div>

<script>
$(document).on("mousemove", function(event){
    $("#container" ).text( "X: " + event.pageX + ", Y: " + event.pageY);
});
</script>
```