



(<http://jqueryui.com>)

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jQuery UI est une surcouche de jQuery qui propose des outils pour créer des interfaces graphiques interactives.

Ses fonctionnalités se divisent en différentes catégories :

□ Interactions

- Donner des propriétés à des éléments HTML => drag, drop, resize, ...

□ Widgets

- Objets "clé en main " qui proposent des fonctionnalités de haut niveau => Accordion, Tabs, Dialog, DatePicker ...

Interaction: **draggable**

1. Inclure les **bibliothèques**

```
<html>
<head>
  <title>test jquery</title>
  <script type="text/javascript" src="jquery/js/jquery.js"> </script>
  <script type="text/javascript" src="jquery/js/jquery-ui.js"> </script>
```

1

```
</head>
<body>
  <form action="traite_form.php">
    <input type="text" name="date">
  </form>
</body>
</html>
```



Interaction: **draggable**

1. Inclure les **bibliothèques**
2. Inclure le **style CSS**

```
<html>
```

```
<head>
```

```
<title>test jquery</title>
```

1

```
<script type="text/javascript" src="jquery/js/jquery.js"></script>
```

```
<script type="text/javascript" src="jquery/js/jquery-ui.js"></script>
```

2

```
<link type="text/css" href="jquery/css/ui-lightness/jquery-ui-1.8.19.custom.css" rel="stylesheet">
```

```
</head>
```

```
<body>
```

```
</body>
```

```
</html>
```



Interaction draggable

```
<html>  
<head>
```

```
<title>test jquery</title>
```

```
1 <script type="text/javascript" src="jquery/js/jquery.js"></script>  
<script type="text/javascript" src="jquery/js/jquery-ui.js"></script>
```

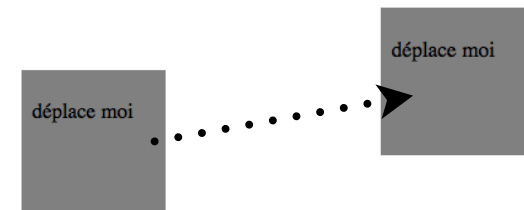
```
2 <link type="text/css" href="jquery/css/ui-lightness/jquery-ui-1.8.19.custom.css" rel="stylesheet">
```

```
</head>  
<body>
```

3

```
<div id="objdrag" > <p>déplace moi</p></div>  
</body>  
</html>
```

1. Inclure les **bibliothèques**
2. Inclure le **style CSS**
3. Définir un **attribut id** pour le champ cible



Interaction: **draggable**

1. Inclure les **bibliothèques**
2. Inclure le **style CSS**
3. Définir un **attribut id** pour le champ cible
4. Associer la fonction **draggable**

```
<html>  
<head>
```

```
<title>test jquery</title>
```

1

```
<script type="text/javascript" src="jquery/js/jquery.js"></script>
```

```
<script type="text/javascript" src="jquery/js/jquery-ui.js"></script>
```

2

```
<link type="text/css" href="jquery/css/ui-lightness/jquery-ui-1.8.19.custom.css" rel="stylesheet">
```

4

```
<script type="text/javascript">
```

```
$(document).ready(function() {
```

```
  $("#objdrag").draggable();
```

```
});
```

```
</script>
```

```
</head>
```

```
<body>
```

```
<div id="objdrag" > <p>déplace moi</p></div>
```

```
</body>
```

```
</html>
```

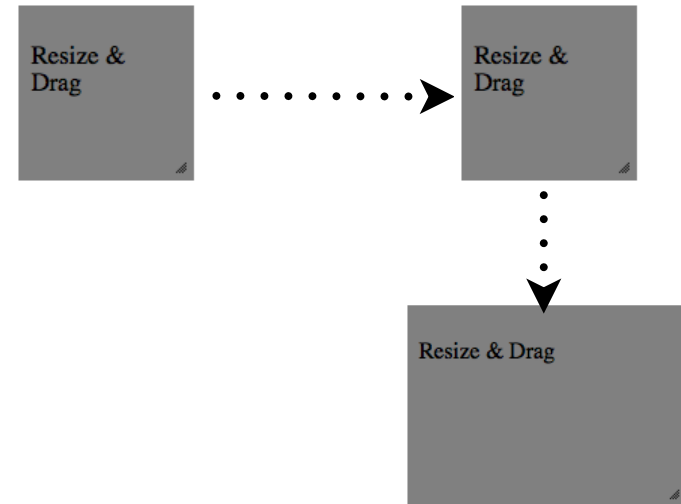
3



Interaction: **resizable**

```
...  
<script type="text/javascript">  
  $(document).ready(function() {  
    4  $("#objet").draggable();  
      $("#objet").resizable();  
  });  
</script>  
</head>
```

```
<body>  
  3  <div id= "objet" > <p>Resize & Drag</p> </div>  
</body>  
</html>
```



Interaction: selectable

<style>

2 #selection .ui-selected {background: grey; color: white;}
#selection {list-style-type: none;}
</style>

<script type="text/javascript">

4 \$(document).ready(function() {
 \$("#selection").selectable();
});
</script>

</head>

<body>

3

<ul id="selection">

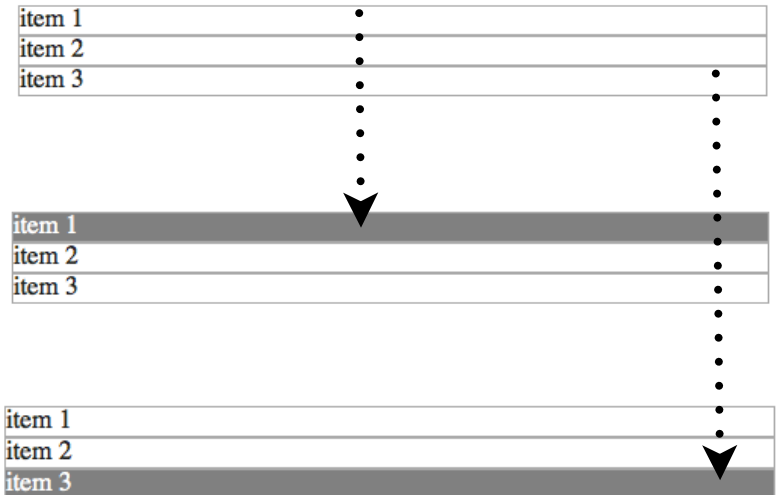
<li class="ui-widget-content"> item 1

<li class="ui-widget-content"> item 2

<li class="ui-widget-content"> item 3

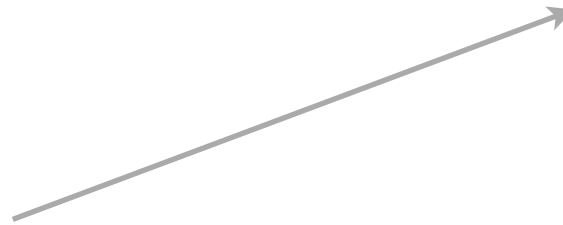
</body>

</html>



Widget tooltip

```
...  
<script type="text/javascript">  
  $(document).ready(function() {  
    4    $(document). tooltip ();  
  });  
</script>  
</head>
```



Test de [l'info bulle](#)

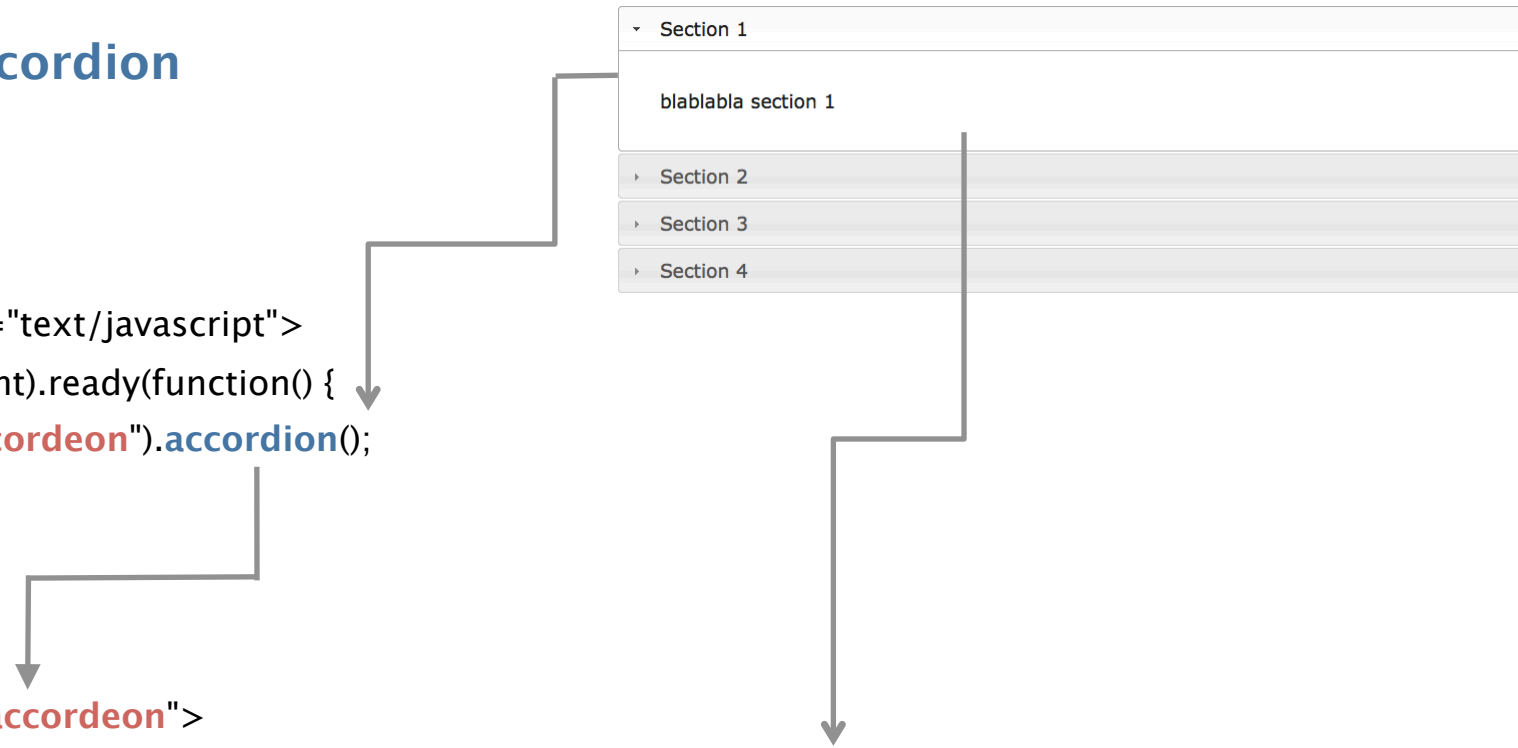
blabla info bulle

3 Test de `l'info bulle`

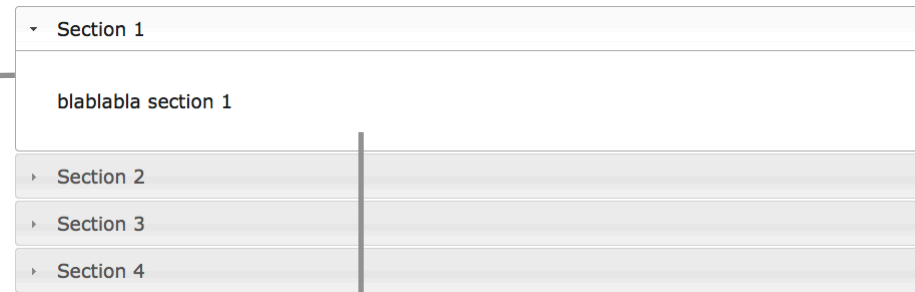
```
</body>  
</html>
```

Widget Accordion

```
...  
<script type="text/javascript">  
4 $(document).ready(function() {  
    $("#accordion").accordion();  
})  
</script>  
</head>  
<body>  
3 <div id="accordion">  
    <h3>Section 1</h3><div><p>bla bla bla bla section 1</p></div>  
    <h3>Section 2</h3><div><p>bla bla bla bla section 2</p> </div>  
    <h3>Section 3</h3><div><p>bla bla bla bla section 3</p></div>  
    <h3>Section 4</h3><div><p>bla bla bla bla section 4</p></div>  
</div>  
</body>  
</html>
```



The diagram illustrates the mapping between the code and the UI. An arrow points from the script line 4 to the accordion widget. Another arrow points from the HTML lines 3 to the content of the sections within the widget.



Widget Tabs



...

```
4 <script type="text/javascript">  
    $(document).ready(function() { $("#onglets").tabs(); })  
</script>  
</head>
```

```
3 <body>  
    <div id="onglets">  
        <ul>  
            <li><a href="#onglet1">Onglet 1</a></li>  
            <li><a href="#onglet2">Onglet 2</a></li>  
            <li><a href="#onglet3">Onglet 3</a></li>  
        </ul>  
        <div id="onglet1">blablabla section 1</div>  
        <div id="onglet2">blablabla section 2</div>  
        <div id="onglet3">blablabla section 3</div>  
    </div>  
</body>  
</html>
```

Widget Dialog



4

```
...  
<script type="text/javascript">  
    $(document).ready(function() { $("#dialogue").dialog(); })  
</script>  
</head>
```

```
<body>
```

3

```
<div id="dialogue" title="Basic dialog">  
    <p>Boîte de dialogue</p>  
</div>
```

```
</body>  
</html>
```

Widget DatePicker



```
...  
<script type="text/javascript">  
  $(document).ready(function() {  
    4  $("#date1").datepicker(); });  
</script>
```

```
</head>
```

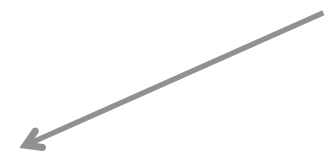
```
<body>
```

```
Saisir une date: <input type="text" name="date" id="date1" >
```

```
</body>
```

```
</html>
```

3



Widget DatePicker

Saisir une date: =>

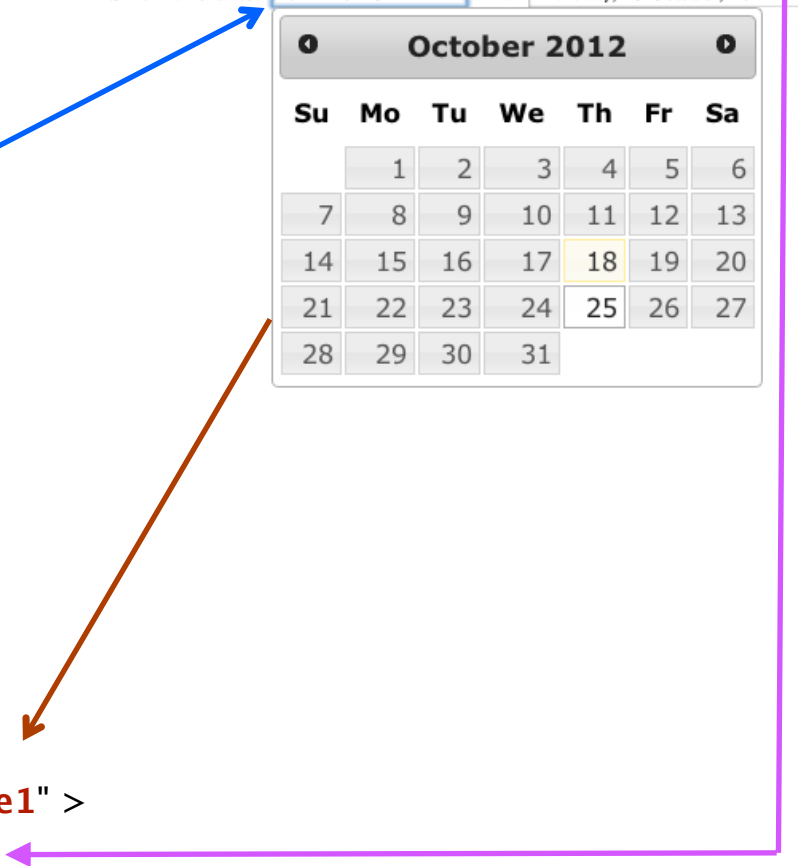
October 2012						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

```
...  
<script type="text/javascript">  
  $(document).ready(function() {  
    $("#date1").datepicker({  
      dateFormat: "yy-mm-dd",  
      altField: "#Altdate",  
      altFormat: "DD, d MM, yy"  
    });  
  });  
</script>  
</head>
```

4

3

```
<body>  
Saisir une date: <input type="text" name="date" id="date1" >  
&nbsp;=> <input type="text" id="Altdate" size=30>  
</body>  
</html>
```



Widget DatePicker

...

```
<script type="text/javascript">
  $(document).ready(function() {
    $("#date1").datepicker({
      dateFormat: "yy-mm-dd",
      altField: "#Altdate", altFormat: "DD, d MM, yy",
      showOn: "button",
      buttonImage: "IMG/calendar.jpeg",
      buttonImageOnly: true
    });
  });
</script>
```

4

```
</head>
<body>
```

```
Saisir une date: <input type="text" name="date" id="date1" >
&nbsp;=> <input type="text" id="Altdate" size=30>
</body>
</html>
```

Saisir une date:  =>



Saisir une date:  =>



3

Widget slider

VARIATION [3]



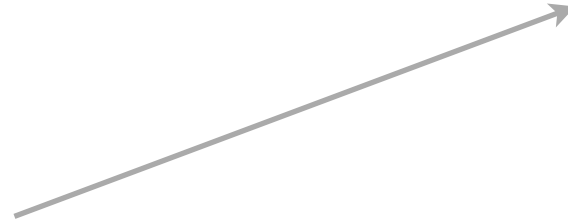
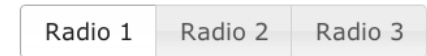
...

```
<script type="text/javascript">
  $(document).ready(function() {
    $("#monslider"). slider ({
      min: 0,
      max: 10,
      value : 0,
      slide: function(event, ui){$("#variation").html(ui.value);}
    });
  });
</script>
</head>
<body>
<b>VARIATION</b> &nbsp;[ <span id="variation"> 0 </span> ]
<div id="monslider"></div>
</body>
</html>
```

4

3

Widget Button



```
...  
<script type="text/javascript">  
  $(document).ready(function() {  
    4    $("#radio"). buttonset ();  
  });  
</script>  
</head>  
<body>  
<form>  
<div id="radio">  
<input type="radio" id="radio1" name="btn-radio" checked> <label for="radio1"> Radio 1</label>  
<input type="radio" id="radio2" name="btn-radio"> <label for="radio2"> Radio 2</label>  
<input type="radio" id="radio3" name="btn-radio"> <label for="radio3"> Radio 3</label>  
</div>  
</form>  
</body>  
</html>
```

3

Widget Menu

```
...  
<script type="text/javascript">  
  $(document).ready(function() {  
    4 $("#monmenu"). menu ({  
      select: function( event, ui ) {  
        var link = ui.item.children( "a:first" );  
        if ( link.attr( "target" ) || event.metaKey || event.shiftKey || event.ctrlKey ) {return;}  
        location.href = link.attr( "href" );  
      }  
    });  
  }  
</script>
```

```
</head>  
<body>  
  ...  
</body>  
</html>
```

```
3 <ul id="monmenu">  
  <li><a href="#">Item 1</a></li>  
  <li><a href="#">Item 2</a></li>  
  <li>  
    <a href="#">Item 3</a>  
    <ul>  
      <li><a href="#">Item 3-1</a></li>  
      <li><a href="#">Item 3-2</a></li>  
      <li><a href="#">Item 3-3</a></li>  
    </ul>  
  </li>  
</ul>
```

