jQuery

FRI ŽU – Žilina

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Obsah

Čo je to jQuery

Základ HTML/CSS

Základ jQuery

Interaktívne aplikácie

Write less, do more

www.jquery.com

Ohloh: http://www.ohloh.net/p/jQuery

HTML a CSS

<div>Ahoj</div>

CSS:

```
div {
    color: red;
}
```

ID – jeden výskyt

<div id="zilina">Ahoj Žilina</div>

CSS:

#zilina {

    color: red;

}

Class – viac výskytov

<div class="zilinaClass">Hoj hoj</div>

CSS:

.zilinaClass {

    color: red;

}

Začíname s jQuery

```
<script type="text/javascript"
     src="jquery-1.5.2.min.js">
</script>
```

Vlastný JavaScript kód

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

....

 </script>
```

Základná syntax jQuery

$(selektor).operácia(param1,param2).operácia...

$(selektor).filter(param).operácia(...

Udalosti

$(document).ready(…);

$("a").click(…);

Funkcie - demo-01

```
$(document).ready(
    function ()
    {
            alert("Pozor!");
    }
);
```

Zmena CSS – demo-02

```
$(document).ready(
    function ()
    {
        $("div").css("background","red");
    }
);
```

Reakcia na klik – demo-03

```
function clickHandler()
{
    $(this).css("background","green");
}


$(document).re…
    $("div").click(clickHandler);
```

Reťazenie operácií – demo-04

$(this).css("background","green").
css("height","150px");

Selektor na ID – demo-05

```
<div id="zilina">Žilina</div>
<div id="povazska">Považská Bystrica</div>


$("#zilina").click(zilinaClickHandler);
$("#povazska").click(povazskaClickHandler);
```

Handler funkcie

```
function zilinaClickHandler()
  {
    $(this).css("background","green").css("height","150px");
  }

function povazskaClickHandler()
  {
    $(this).css("background","yellow").
    css("height","100px").
    css("border","solid black 5px");
  }
```

Selektor Class – demo-06

<div id="zilina" class="city">Žilina</div>

<div id="povazska" class="city">Považská Bystrica</div>

<div id="vrtizer" class="village">Vrtižer</div>

$(".city").click(cityClickHandler);

$(".village").click(villageClickHandler);

toggleClass – demo-07

```
<style type="text/css">
    div {
        background:red;
    }


    .selected
    {
        background:pink;
        height:150px;
        border: 5px solid red;
    }
</style>
```

toggleClass

```
function divClickHandler()
  {
      $(this).toggleClass("selected");

  }

$("div").click(divClickHandler);
```

mouseenter, mouseleave – demo-08

```
<style type="text/css">
    div {
        background:green;
        height:150px;
        width:90%;
        border: 5px solid green;
    }

    .hovered
    {
        border: 5px solid black;
        width:100%;
    }
</style>
```

mouseenter, mouseleave

```
function enterHandler()
  {
    $(this).toggleClass("hovered", true);
  }


  function leaveHandler()
  {
    $(this).toggleClass("hovered", false);
  }

$("div").mouseenter(enterHandler).
 mouseleave(leaveHandler);
```

animate – demo-09

```
<style type="text/css">
    div {
        background:green;
        height:150px;
        width:150px;
        border: 5px solid green;
    }

    .hovered
    {
        border: 5px solid black;
    }
</style>
```

animate

```
function enterHandler()
  {
    $(this).animate({'width':'300px'}, 2000);
  }


  function leaveHandler()
  {
    $(this).animate({'width':'150px'}, 2000);
  }
```