

jQuery



ipSpace

jQuery 101

- Open-source library with numerous extensions
- jQuery – simple DOM manipulations
- jQuery UI – user interface objects (drag & drop, resizing, buttons, dialogs, datepickers, progress bars, tabs ...)
- jQuery Mobile – iPad-like web interface

The Magic Symbol: \$

- \$("someHtmlCode") – creates jQuery object from HTML
- \$("someSelector") – create jQuery object from CSS++ selectors
- \$(DOMObject) – create jQuery object from DOM object

Every jQuery object is a collection of DOM objects

Simple Manipulations

<code>q.show(), q.hide()</code>	hides or reveals an object (changes display property)
<code>q.html()</code>	Gets or sets inner HTML
<code>q.addClass(c), q.removeClass(c)</code>	Adds or removes CSS class
<code>q.is(selector)</code>	Checks whether any element in the collection matches the selector
<code>q.appendTo(r)</code>	Appends q at the end of r

```
function hideNote(id) {  
    $("#html_" + id).html("").hide();  
    $("#add_" + id).show();  
    $("#chg_" + id).hide();  
}
```

jQuery methods can be chained

jQuery Traversing

<code>q.find(selector)</code>	Find descendants matching the selector
<code>q.parent(selector)</code>	Parent(s) of current collection matching the selector
<code>q.parents(selector)</code>	Ancestors of all elements of current collection matching the selector
<code>q.children(selector)</code>	Immediate children matching the selector
<code>q.each(function)</code>	Iterate over the collection, calling the function for every element
<code>q.first()</code> , <code>q.last()</code>	Reduce to collection to first or last element
<code>q.filter(selector)</code>	Reduce collection to elements matching the selector
<code>q.prev()</code> , <code>q.next()</code>	Get siblings of elements in the collection

... Plus a few more, check <http://api.jquery.com/category/traversing/>

Questions?

