

Wednesday, January 17, 2007

Mootools AJAX timeout

UPDATED

Who needs descriptions? This adds a timeout option to the mootools Ajax class...

```
Ajax = Ajax.extend({
  request: function(){
    if (this.options.timeout) {
      this.timeoutTimer=window.setTimeout(this.callTimeout.bindAsEventListener(this), this.options.timeout);
      this.addEvent('onComplete', this.removeTimer);
    }
    this.parent();
  },

  callTimeout: function () {
    this.transport.abort();
    this.onFailure();
    if (this.options.onTimeout) {
      this.options.onTimeout();
    }
  },

  removeTimer: function() {
    window.clearTimeout(this.timeoutTimer);
  }
});
```

You can call it like this:

```
var myAjax = new Ajax('lengthy.php', {method: 'get', update: $('content'), timeout: 2000, onTimeout: function()
{alert('timeout')}}).request();
```

Posted by Stefan LH at 14:30

You can also do `Ajax = Ajax.extend` to use the same class + `this.parent` support.

Anonymous on Jan 17 2007, 14:55

I should have thought of that. Changed it. Thanks!

Anonymous on Jan 17 2007, 15:04

Ah, nice, thank you... I'd develop something like that for my old prototype framework, but yours fit a lot better with mootools

Anonymous on Mar 10 2007, 21:15

Great stuff

I was going to code something similar for my MOOdalBox, but your implementation is leaner and cleaner than what I had in mind

With your permission, I will include it in the upcoming release, and you will be mentioned both in the source code and on the homepage.

Anonymous on Mar 14 2007, 06:38

You can sure use the ajax timeout script for MOOdalBox. I hereby declare, that it's in the public domain.

Anonymous on Mar 14 2007, 09:23

your code crash at ie7,
i think you sholud not run 'this.parent();' before you addEvent.

that's my fix:

```
request: function()
{
  if (this.options.timeout) {
    this.timeoutTimer=window.setTimeout(this.callTimeout.bindAsEventListener(this), this.options.timeout);
    this.addEvent('onComplete',this.removeTimer);
  }
  this.parent();
},
```

Anonymous on Apr 16 2007, 11:38

Nice!
Here is a slightly modified version to work with Ajax.remote:

```
Json.Remote = Json.Remote.extend({
  send: function(){
    if (this.options.timeout) {
      this.timeoutTimer=window.setTimeout(this.callTimeout.bindAsEventListener(this), this.options.timeout);
      this.addEvent('onComplete', this.removeTimer);
    }
    this.parent();
  },
  callTimeout: function () {
    this.transport.abort();
    this.onFailure();
    if (this.options.onTimeout) {
      this.options.onTimeout();
    }
  },
  removeTimer: function() {
    window.clearTimeout(this.timeoutTimer);
  }
});
```

Anonymous on Oct 13 2007, 04:47

nice!

Anonymous on Feb 20 2008, 10:38