

PimTech-scripts : jquery.jframe.js

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Revision : 1.18
Date : 2007-11-08
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Tags : ajax javascript pimentech english jquery

Thanks to [jQuery](#) library, jFrame provides an easy way to get an HTML frame-like behaviour on DIV Elements with AJAX. It comes with *Pimentech Scripts* library. Also available on [jQuery_site](#).

With jFrame, you can build smart, complex modern, internet apps without leaving the main page, without a single line of JavaScript !

Requirements

The following JavaScript files must be included in the head section of your HTML page :

- jquery.js : http://docs.jquery.com/Downloading_jQuery
- jquery.form.js : <http://www.malsup.com/jquery/form/#download>
- jquery.jframes.js : <http://ftp.pimentech.net/src/pimentech-scripts/scripts/src/js/jquery.jframe.js>

Usage Example

[Here](#) a demo.

index.html

```

<?xml version="1.0" encoding="utf-8"?>
<html>
  <head>
    <script type="text/javascript" src="jquery.js"></script>
    <script type="text/javascript" src="jquery.form.js"></script>
    <script type="text/javascript" src="jquery.jframe.js"></script>
  </head>
  <body>

    <div id="jframe1" src="#">
      <a href="index.html" target="jframe2">
        on click, index.html will be loaded in "jframe2" div
      </a>

      <a href="test.html">
        Without target, test.html will be loaded in the first parent jFrame
      </a>

      Form inside jFrame. Note the target attribute on submit button.
      <form method="post" action="test.html">
        <input name="toto" value="popo" />
        <input type="submit" name="submit" value="Search" target="jframe2"
  
```

```

        </form>
    </div>

    <div id="jframe2" src="test.html">
        Second jFrame. This content will be replaced by "test.html"
    </div>

    <a href="index.html">Normal link outside jframe</a>
</body>
</html>

```

A jFrame is a DIV tag with a src attribute. In a jFrame, click events on <a> and <input type="submit"> tags will be handled by jframe and loaded in ajax.

Elements

jFrame : DIV with src attribute

Attributes

- id : jFrame id, required.
- src : url or "#", required. After a jFrame load, the src attribute value is replaced by the loaded url.

Links and Submit Buttons

Inside jFrames, onclick events on each link and submit button are redirected to jFrame plugin.

A link

With target attribute, the href value is loaded by an xmlhttprequest in <div id=target>. Without target attribute, the href value is loaded in the current jframe. JFrame can be deactivated on a particular link with *jframe="no"* attribute (same for submit buttons).

INPUT type="submit"

The submit buttons also support a target attribute, like <A> tags.
jFrame forms support get and post method, onsubmit form attribute.
BUTTON type="submit" are also supported.

jQuery API

- *\$(div element).loadJFrame(url, callback)* : like ajax.load function.
- *\$(div element).activateJFrames()* : the div element becomes a jFrame.
- *\$(element).getJFrameTarget()* : if exists, return the first jFrame parent element.
- *\$(element).waitingJFrame()* : Overload this function in your code if you want for example a "waiting" message. Example :

```

    jQuery.fn.waitingJFrame = function () {
        $(this).html("<b>loading...</b>");
    }

```

Source

```

// jFrame
// $Revision: 1.79 $
// Author: Frederic de Zorzi

```

```

// Contact: fredz@nospam_pimentech.net
// Revision: $Revision: 1.79 $
// Date: $Date: 2007/11/08 14:45:41 $
// Copyright: 2007 PimenTech SARL
// Tags: ajax javascript pimentech english jquery

jQuery.fn.waitingJFrame = function () {
    // Overload this function in your code to place a waiting event
    // message, like :      $(this).html("<b>loading...</b>");
}

jQuery.fn.getJFrameTarget = function () {
    // Returns first parent jframe element, if exists
    var div = $(this).parents("div[@src]").get(0);
    if (div) {
        var target = $(this).attr("target");
        if (target) {
            return $("#" + target);
        }
    }
    return $(div);
};

jQuery.fn.loadJFrame = function(url, callback) {
    // like ajax.load, for jFrame. the onload attribute is supported
    var this_callback = $(this).attr("onload");
    callback = callback || function(){};
    url = url || $(this).attr("src");
    if (url && url != "#") {
        $(this).waitingJFrame();
        $(this).load(url,
            function() {
                $(this).attr("src", url);
                $(this).activateJFrame();
                $(this).find("div[@src]").each(function(i) {
                    $(this).loadJFrame();
                });
                eval(this_callback);
                callback();
            });
    }
    else {
        $(this).activateJFrame();
    }
};

jQuery.fn.activateJFrame = function() {
    // Add an onclick event on all <a> and <input type="submit"> tags
    $(this).find("a")
        .not("[jframe='no']")
        .unbind("click")
        .click(function() {

```

```

        var target = $(this).getJFrameTarget();
        if (target.length) {
            var href = $(this).attr("href");
            if (href && href.indexOf('javascript:') != 0) {
                target.loadJFrame(href);
                return false;
            }
        }
        return true;
    } );

$(this).find("input[@type='submit']", "button[@type='submit']")
    .not("[jframe='no']")
    .unbind("click")
    .click(function() {
        var input = this;
        var target = $(input).getJFrameTarget();
        if (target.length) {
            var form = input.form;
            if (form.onsubmit && form.onsubmit()==false) {
                return false;
            }
            target.waitingJFrame();
            $(form).ajaxSubmit({
                target: target,
                beforeSubmit: function(formArray) {
                    formArray.push({
                        name: "submit",
                        value: $(input).attr("value")
                    });
                },
                success: function() {
                    target.attr("src", $(form).attr("action"));
                    eval(target.attr("onload"));
                    target.activateJFrame();
                }
            });
            return false;
        }
        return true;
    } );

$(this).find("form")
    .unbind("submit")
    .submit(function() {
        this.find("input[@type='submit']", "button[@type='submit']")[0].click();
    } );
};

$(document).ready(function() {
    $(document).find("div[@src]").each(function(i) {
        $(this).loadJFrame();
        if ($(this).attr("src") && $(this).attr("src") != "#") {
        }
    }
});

```

```
} ) i  
} ) i
```