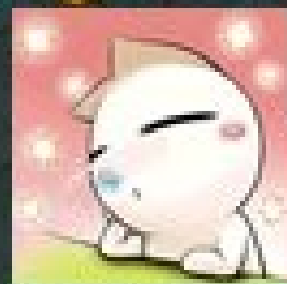




Jiayun Zhou
2008.11.22
TWJUG

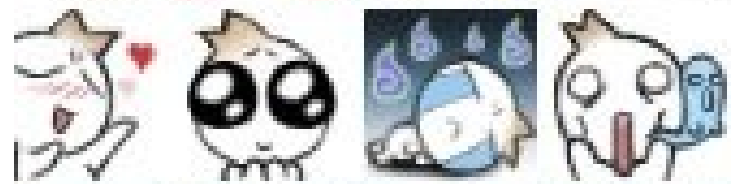
JavaScript Library

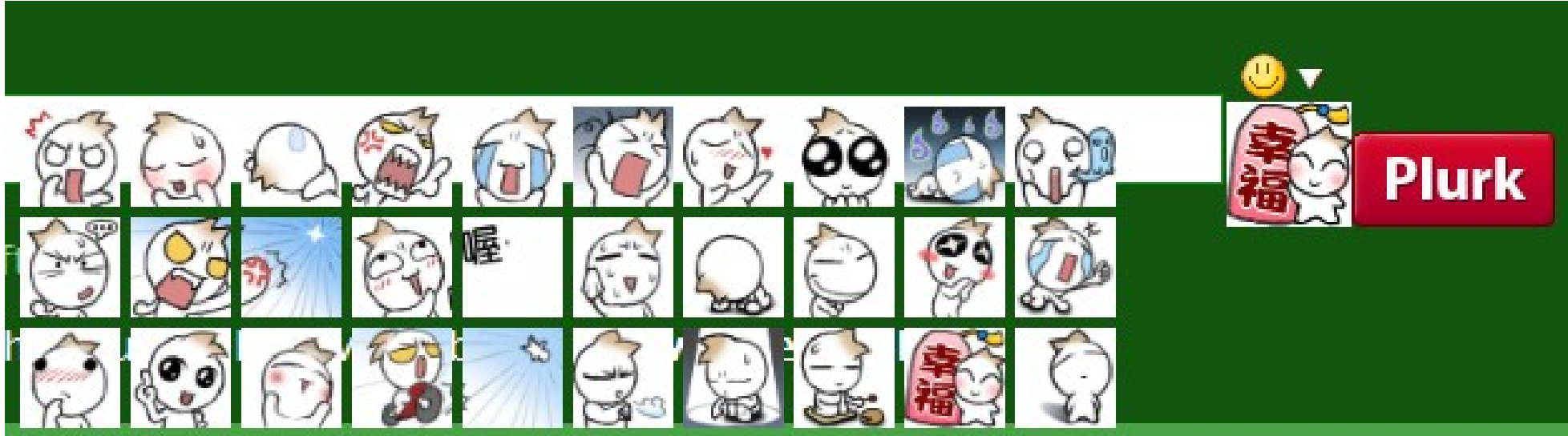




Plurk

//www.boy.net/shared



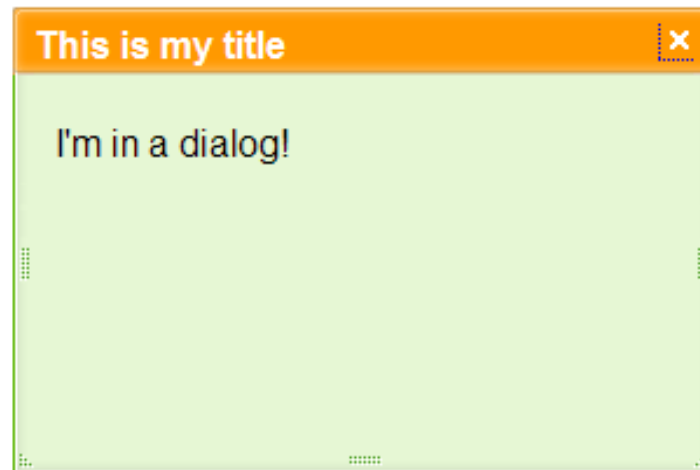


Example:

- [Demo](#)
- [View Source](#)

A simple jQuery UI Dialog.

```
$("#example").dialog();
```



```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
```

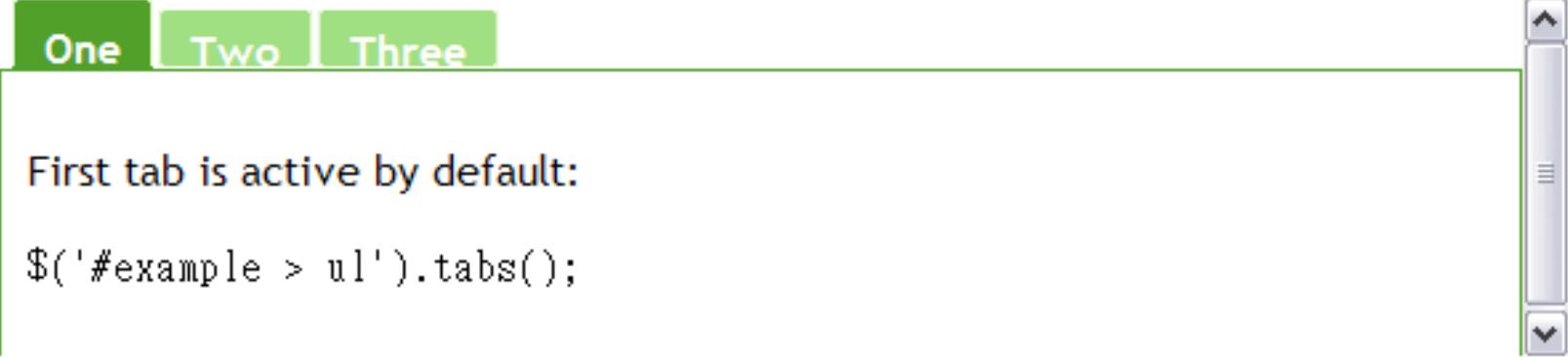
Example

Example:

- [Demo](#)
- [View Source](#)

A simple jQuery UI Tabbed pane.

```
$("#example > ul").tabs();
```

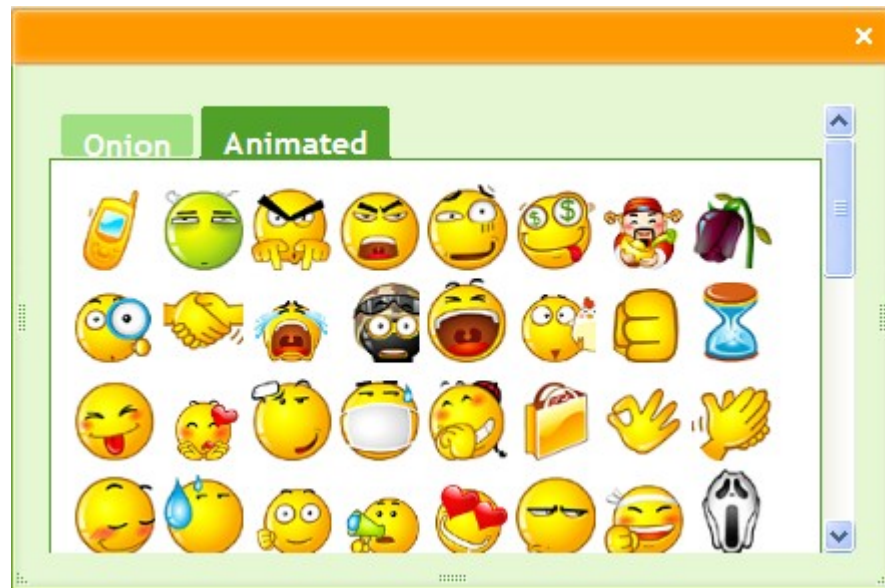


One Two Three

First tab is active by default:

```
$('#example > ul').tabs();
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
```

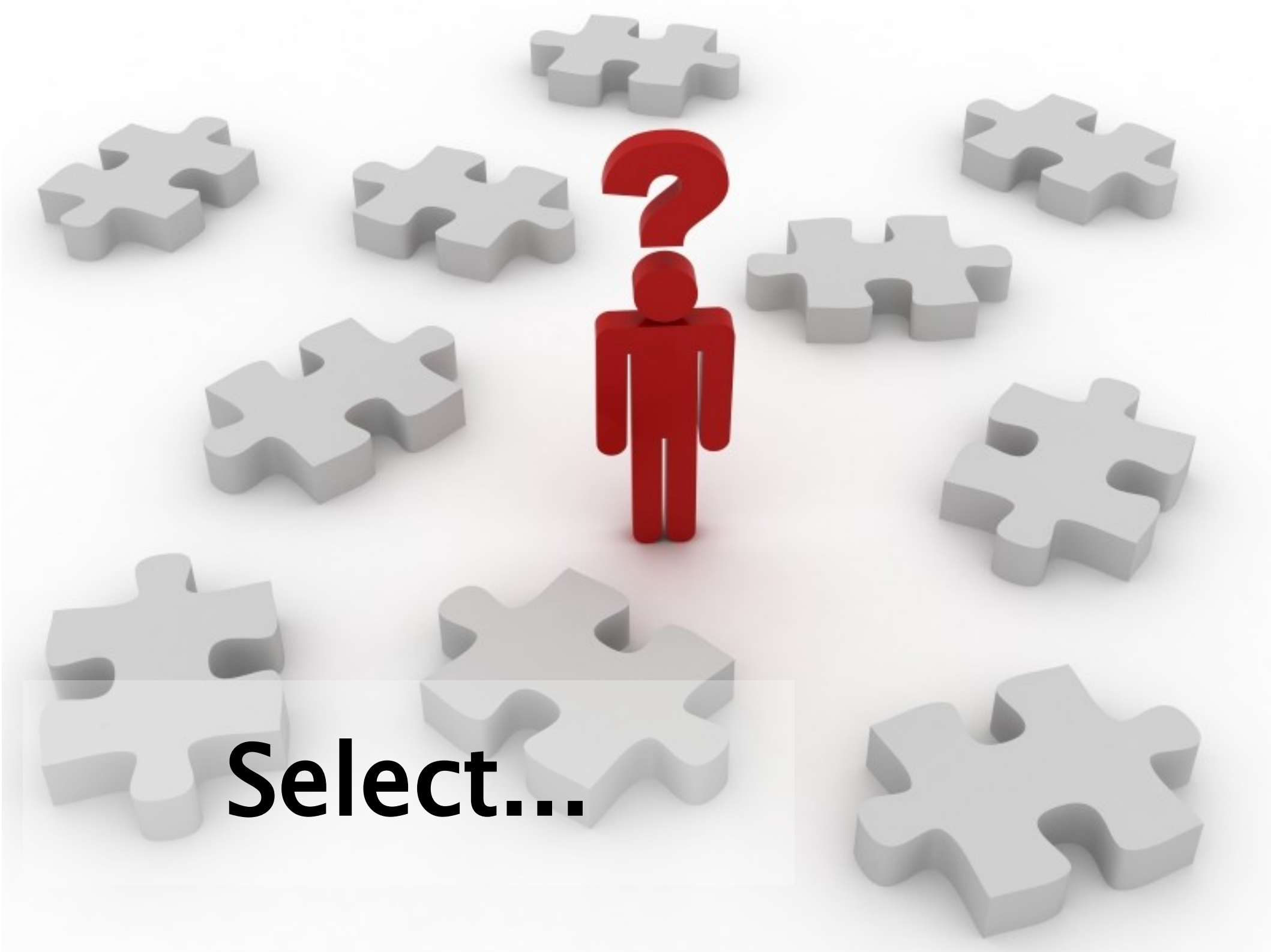




Query

Database?

SQL?



Select...

WINDOW

History

Location

DOCUMENT

LINK

ANCHOR

FORM

TEXT

RADIO

CHECKBOX

TEXTAREA

PASSWORD

SELECT

OPTIONS

BUTTON

RESET

SUBMIT

```
document.getElementById("id")
```

```
document.getElementById("id")
```

jQuery:

```
$("#id")
```


The jQuery function

`$(...)` = `jQuery(...)`

```
document.getElementsByTagName  
("div")
```

`document.getElementsByTagName`
`("div")`

jQuery:

`$("div")`

```
<input name="mail" type="text" />
```

```
document.getElementsByName  
("mail")
```

```
<input name="mail" type="text" />
```

```
document.getElementsByName  
("mail")
```

jQuery:

```
$("input[name='mail']")
```

```
<input name="mail" type="text" />
```

```
document.getElementsByName  
("mail")
```

jQuery:

```
$("[name='mail']")
```

The power of Selectors

API/1.2/Selectors

(Redirected from [Selectors](#))

Basics:

#id

Returns: [Array](#)< [Element](#)>

element

Returns: [Array](#)< [Element](#)(s)>

.class

Returns: [Array](#)< [Element](#)(s)>

*

Returns: [Array](#)< [Element](#)(s)>

selector1, selector2, selectorN

Returns: [Array](#)< [Element](#)(s)>

\$("*[name='mail']")

Attribute Filters:

[attribute] Returns: Array< Element(s)>

[attribute=value] Returns: Array< Element(s)>

[attribute!=value] Returns: Array< Element(s)>

[attribute^=value] Returns: Array< Element(s)>

[attribute\$=value] Returns: Array< Element(s)>

[attribute*=value] Returns: Array< Element(s)>

[attributeFilter1][attributeFilter2] Returns: Array< Element(s)>

[attributeFilterN]

\$ (...)





jQuery Object

jQuery Object Accessors:

[each\(callback \)](#)

Returns: [jQuery](#)

[length](#)

Returns: [Number](#)

[eq\(position \)](#)

Returns: [jQuery](#)

[get\(\)](#)

Returns: [Array](#)< [Element](#)>

[get\(index \)](#)

Returns: [Element](#)

[index\(subject \)](#)

Returns: [Number](#)

All the magic

jQuery API Reference

- [jQuery Core](#)
- [Selectors](#)
- [Attributes](#)
- [Traversing](#)
- [Manipulation](#)
- [CSS](#)
- [Events](#)
- [Effects](#)
- [Ajax](#)
- [Utilities](#)
- [Internals](#)

Attributes API

```
$("#img").attr("src")
```

```
$("#img").attr("src",  
"/new/icon.png")
```

Traversing API

Manipulation API

```
$("#div").html()
```

```
$("#div").html("<span class='red'>Hello  
<b>World</b></span>")
```

CSS API

```
$("#div").css("color")
```

```
$("#div").css("color", "red")
```


Events API

```
$("#p").click(fn)
```

```
$("#p").click(function() {  
  // do something  
});
```

```
$("#p").click()
```

Effects API

```
$("#p").show()
```

```
$("#p").hide()
```

Ajax API

```
$("#p").load( url, [data], [callback] )
```

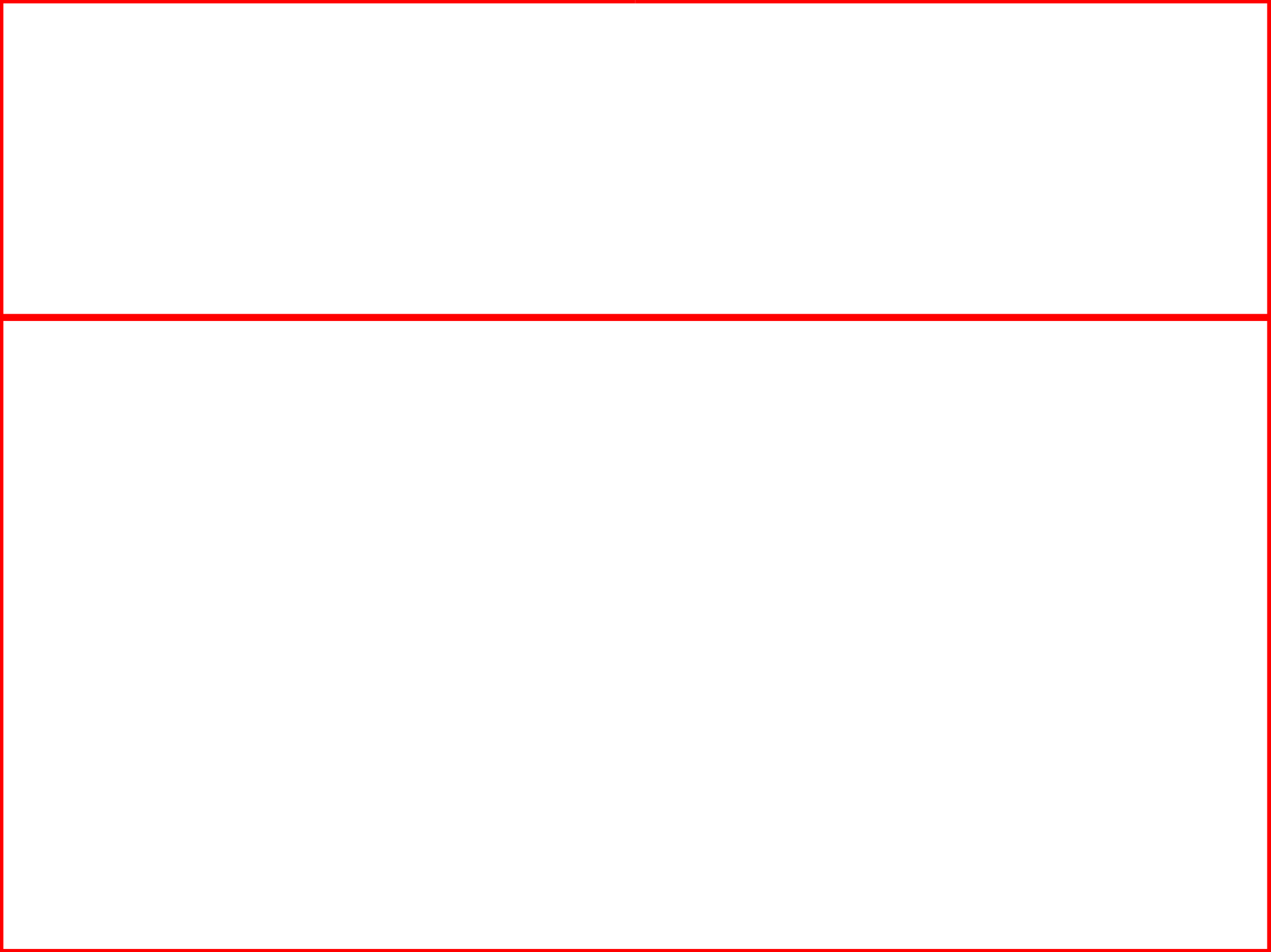
```
$("#p").load("another.html")
```

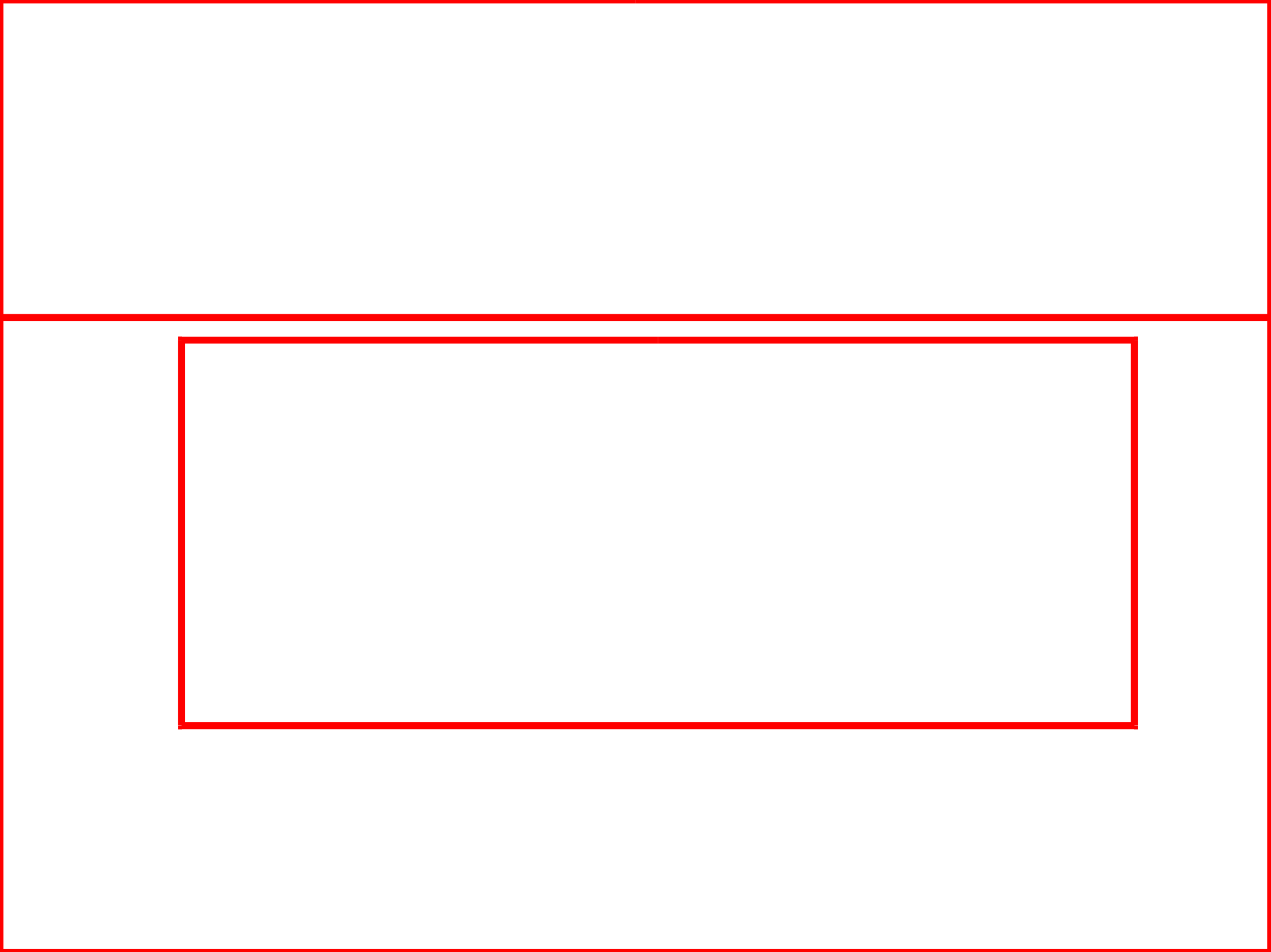


Chaining

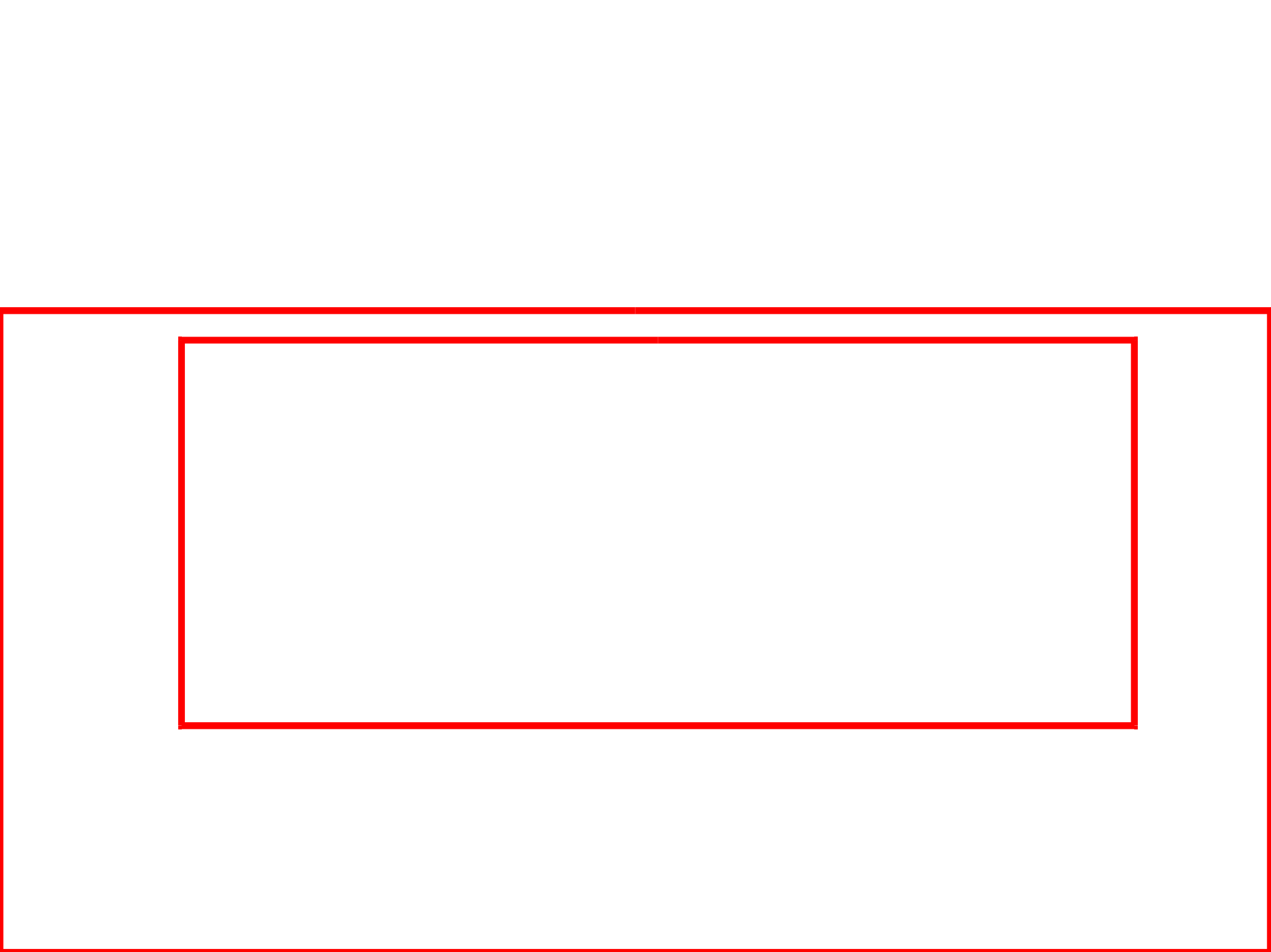

```
$("#a").attr("href",  
"foo.html").show().html("foo");
```

Ex. 1 – Mousedown

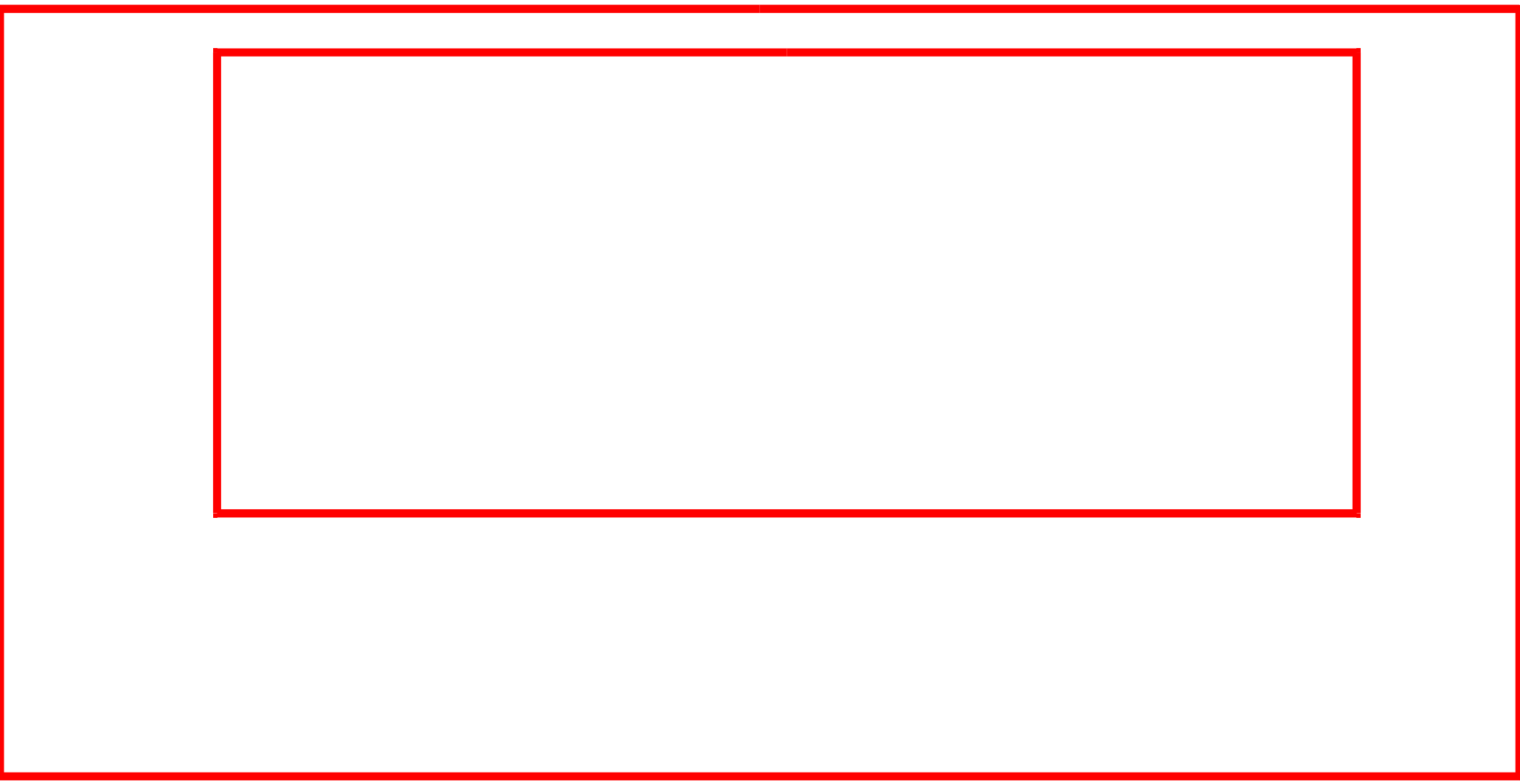




```
$(document).ready(function){
  $("a").mousedown(
    function() {
      $(this).click(function () { return false; });
      goURL($(this).attr("href"));
    });
};
```



```
$(document).ready(function){
  $("a[target='middlearea']").mousedown(
    function() {
      $(this).click(function () { return false; });
      golframeURL($(this).attr("href"));
    });
};
```




```
$(document).ready(function){
  $("a[target!='middlearea']").mousedown(
    function() {
      $(this).click(function () { return false; });
      goURL($(this).attr("href"));
    });
};
```

Try it yourself



mozilla

Firefox[®]

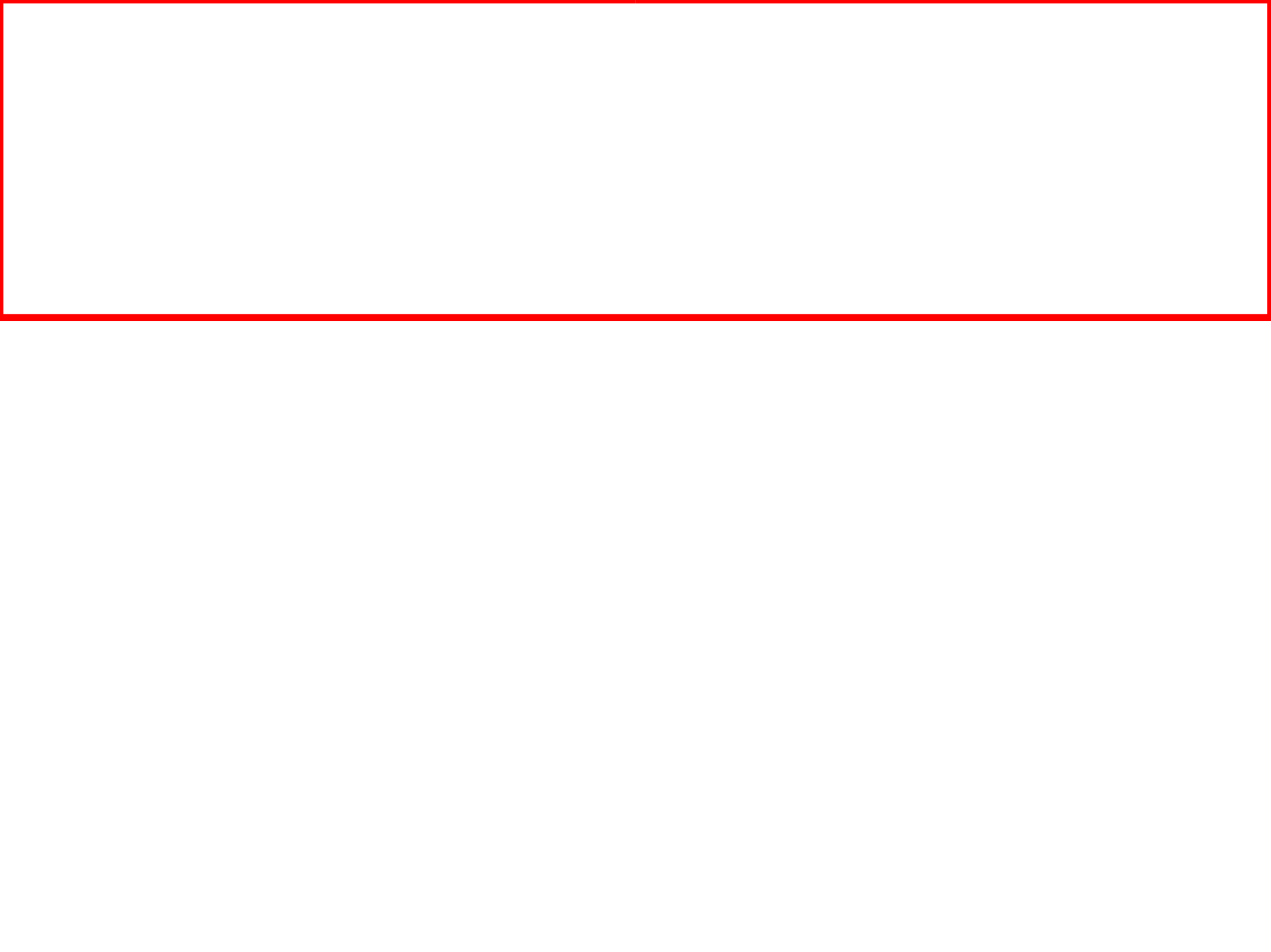


Firebug

web development evolved

Demo 1

Ex. 2 – Marquee



```
$(document).ready(function(){
  $.ajaxSetup({
    cache: false
  });
  setTimeout("loadInfo()", 60000);
  setTimeout("loadMar()", 60000);
});
```

```
function loadInfo() {  
    $("#infoUL").load("header.do?method=info",  
        null, infoCallback);  
}  
  
function loadMar() {  
    $("#mar").load("header.do?method=marquee",  
        null, marCallback);  
}
```



```
function infoCallback(responseText, textStatus,  
    XMLHttpRequest) {  
    setTimeout("loadInfo()", 60000);  
}
```

```
function marCallback(responseText, textStatus,  
    XMLHttpRequest) {  
    setTimeout("loadMar()", 60000);  
}
```

Demo 2

Ex. 3 – On Idle Action

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Cookie

January 26, 2008 - 10:20pm — [carhartl](#)

Average rating

★★★★★ (8 votes)

A simple, lightweight utility plugin for reading, writing and deleting cookies.

Releases

Official releases	Date	Size	Links	Status
1.0	2008-Jan-26	4.15 KB	Download Release notes	Recommended for 1.0.x ✓

[View all releases](#)

include.jsp

```
$(document).ready(function(){  
    $("iframe").load(function(){  
        $.cookie('lastAction', new Date().getTime());  
    });  
});
```

index.jsp

```
$(document).ready(function(){  
    setTimeout("checkLastAction()", 60000);  
});
```

```
function checkLastAction() {  
    var interval = new Date().getTime() -  
                    $.cookie('lastAction');  
    if (interval > (20 * 60 * 1000)) {  
        $("iframe[name='bodyFrame']")  
            .attr("contentWindow").location.href =  
            $("iframe[name='bodyFrame']").attr("src");  
  
        $.cookie('lastAction', new Date().getTime());  
    }  
    setTimeout("checkLastAction()", 60000);  
}
```


Thanks