JQUERY API

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.load()

Categories: Ajax > Shorthand Methods

.load(url, [data], [complete(responseText, textStatus, XMLHttpRequest)])   *Returns: jQuery*

Description: *Load data from the server and place the returned HTML into the matched element.*

.load(url, [data], [complete(responseText, textStatus, XMLHttpRequest)])   version added: 1.0

url A string containing the URL to which the request is sent.

data A map or string that is sent to the server with the request.

complete(responseText, textStatus, XMLHttpRequest) A callback function that is executed when the request completes.

This method is the simplest way to fetch data from the server. It is roughly equivalent to $.get(url, data, success) except that it is a method rather than global function and it has an implicit callback function. When a successful response is detected (i.e. when textStatus is "success" or "notmodified"), .load() sets the HTML contents of the matched element to the returned data. This means that most uses of the method can be quite simple:

```
$("#result").load("ajax/test.html");
```

The provided callback, if any, is executed after this post-processing has been performed:

In the two examples above, if the current document does not contain an element with an ID of "result," the .load() method is not executed.

The POST method is used if data is provided as an object; otherwise, GET is assumed.

Note: The event handling suite also has a method named .load(). Which one is fired depends on the set of arguments passed.

Loading Page Fragments

The .load() method, unlike $.get(), allows us to specify a portion of the remote document to be inserted. This is achieved with a special syntax for the url parameter. If one or more space characters are included in the string, the portion of the string following the first

space is assumed to be a jQuery selector that determines the content to be loaded.

We could modify the example above to use only part of the document that is fetched:

```
$("#result").load("ajax/test.html #container");
```

When this method executes, it retrieves the content of `ajax/test.html`, but then jQuery parses the returned document to find the element with an ID of `container`. This element, along with its contents, is inserted into the element with an ID of `result`, and the rest of the retrieved document is discarded.

jQuery uses the browser's `.innerHTML` property to parse the retrieved document and insert it into the current document. During this process, browsers often filter elements from the document such as `<html>`, `<title>`, or `<head>` elements. As a result, the elements retrieved by `.load()` may not be exactly the same as if the document were retrieved directly by the browser.

Additional Notes:

- Due to browser security restrictions, most "Ajax" requests are subject to the [same origin policy](#); the request can not successfully retrieve data from a different domain, subdomain, or protocol.

Examples:

Example: *Load the main page's footer navigation into an ordered list.*

```
<!DOCTYPE html>
<html>
<head>
  <style>
      {    —    : 12px;    —       : Arial; }
  </style>
   <script src="http://code.jquery.com/jquery-latest.js"></script>
</head>
<body>

<b>                    </b>
<ol id="new-nav"></ol>

<script>
    ("#new-nav").    ("/ #jq-footerNavigation li");
</script>

</body>
</html>
```

Demo:

Footer navigation:

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Example: *Display a notice if the Ajax request encounters an error.*

```html
<!DOCTYPE html>
<html>
<head>
  <style>
      {      -     : 12px;    -      : Arial; }
  </style>
  <script src="http://code.jquery.com/jquery-latest.js"></script>
</head>
<body>

<b>                                </b>
<div id="success"></div>
<b>            </b>
<div id="error"></div>

<script>
  ("#success").    ("/not-here.php", function(         ,       ,     ) {
  if (        == "error") {
    var    = "Sorry but there was an error: ";
      ("#error").    (    +    .        + " " +    .         );
  }
}};
  </script>

</body>
</html>
```

Demo:

Successful Response (should be blank):
Error Response:
Sorry but there was an error: 404 error

Example: *Load the feeds.html file into the div with the ID of feeds.*

```
("#feeds").    ("feeds.html");
```

Result:

```
<div id="feeds"><b>45</b> feeds found.</div>
```

Example: *pass arrays of data to the server.*

Example: *Same as above, but will POST the additional parameters to the server and a callback that is executed when the server is finished responding.*

Support and Contributions

Need help with **.load()** or have a question about it? Visit the [jQuery Forum](#) or the **#jquery** channel on [irc.freenode.net](#).

Think you've discovered a jQuery bug related to **.load()**? [Report it](#) to the jQuery core team.

Found a problem with this documentation? [Report it](#) to the jQuery API team.

Comments for this page are closed.

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Lucky   3 months ago

$("#feeds").load("feeds.php", {limit: 25}, function(){
alert("The last 25 entries in the feed have been loaded");
}); will this be helpfull for me to load 25rows at a time on scroll.. ie incremental load.. please help
me on this...

12 people liked this.   **Like**

[Danielle Girlberta](#)   3 months ago

how do can i load xml document and display it?

16 people liked this.   **Like**

Roodlokje   3 months ago

How can I apply the css to the external html?
Thanks for helping

6 people liked this.   **Like**

Andrei Rafai   3 months ago   *in reply to Roodlokje*

by assigning a class to the the external html that you want to load....a css class defined in
the css of the main class, the one which will contain the exeternal html

7 people liked this.   **Like**

Anton-ny   4 months ago

Страница некорректно загружается из-за неправильного закрытия тэгов
Например "/>" вместо ">"

Page loaded incorrectly due to improper closing tags
For example "/>" instead of ">"

2 people liked this.

ds   4 months ago

is it possible to use the .load function on a standard wordpress URL?
i want to load a wordpress page that has an URL like "www.example.com/?page_id=223"

i can not change the wordpress permalink structure, because that would mess up my entire

website.

thanks in advance!

6 people liked this.   **Like**

ac 4 months ago   *in reply to ds*

search themes for jquery plugin support...many offer this now.

2 people liked this.   **Like**

ldexterldesign 4 months ago   *in reply to ds*

I'm trying to throw the function a baseURL right now, because I want to make the script portable. I've been told a PHP proxy or JSONP has the answer for cross-site scripting (although this isn't really a security thing)...

Drop a reply in [here] if you find a documented answer.

Cheers,

4 people liked this.   **Like**

Phant0m 4 months ago

Hello everybody,
is it posible to display some kind of an animated busy-image until the data is loaded?

1 person liked this.   **Like**

senkal 4 months ago   *in reply to Phant0m*

Yes it is realy simple.
One way is to put some aniamted gif (loader) in to container, before ajax request. After ajax request just remove it.

5 people liked this.

Kelvne 4 months ago

It isn't working on chrome, This code isn't working, ONLY ON GOOGLE CHROME:

```
$(document).ready(function(){
$("#main").load('main.php')
}
```

woozyking and 1 more liked this

Richard 3 months ago

My guess is, having not tested this out myself, that Chrome requires each JavaScript line to end with a semi-colon, which the line in the function doesn't. You also need a closing bracked and semi-colon at the very end, after the curly brace.

styledev   4 months ago

The fact that the script code is being removed when you target a selector is really annoying. I am trying to use AJAX so I do not need to reload the page!

11 people liked this.   Like

sbhor   4 months ago

Hey guys I am kinda new to jquery and working on a simple page loader script that would fetch content from the server and append it one after the other vertically on a page... just wondering if anyone has done this before and if so are ther any examples that are out there which can help me achieve the same... thank you guys in advance for everything...

7 people liked this.   Like

Rushin Sukhadiya   4 months ago

But not working in IE what to do plz help...

6 people liked this.   Like

Rushin Sukhadiya   4 months ago

thanx its working it solved my problem with XmlHttp

5 people liked this.   Like

n1tr0b   4 months ago

For some reason, It can't load iFrames.

I'm trying to output reCaptcha, it will return as an iFrame but never outputs it to the browser.

5 people liked this.

Jerinaw   4 months ago

I'm guess you can't use .load() with xslts? Meaning load some xml and apply and xsl to it?
Also, what will happen if the contents of the element that the new content is being loaded into has event handlers attached?

9 people liked this.

Kenny   5 months ago

When trying this , i noticed that JQuery moves my scripts to the head , executes them , and then removes them.

While this is a great feature , is there any way to tweak this behaviour ?

The main problem is that it's hard to debug the scripts in this way , because it's already removed.

14 people liked this. | **Like** |

Guest2010_12 5 months ago

i can't load html page from other website using .load(),
code exemple :
$("#test").load("http://www.domainname.com/inde...");
thanks

29 people liked this. | **Like** |

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