

Updating address bar with new URL without hash or reloading the page

```
36 if (dev.isBored() || job.sucks()) {
37   searchJobs({flexibleHours: true, companyCulture: 100});
38 }
39 // A career site that's by developers, for developers.
```

[Get started](#)

I either dreamt about chrome (dev channel) implementing a way to update the address bar via javascript (the path, not domain) without reloading the page or they really have done this.

However, I can't find the article I *think* I read.

Am I crazy or is there a way to do this (in Chrome)?

p.s. I'm not talking about window.location.hash, et al. If the above exists [the answer to this question](#) will be untrue.

javascript ajax google-chrome

edited May 23 at 12:26



asked Jul 26 '10 at 20:18



David Murdoch

49.3k

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2 Possible duplicate of [Modify the URL without reloading the page](#) – Tobias Kienzler Aug 24 '16 at 9:28

@tobiaskienzler When that question was originally asked back in 2009, it was not possible. – David Murdoch Aug 24 '16 at 11:34

1 Of course not. But now it is, the *questions* ask for the same. A shame though that the other one has an outdated answer accepted (by you, I noticed)... You know what? Let's dupe-close the other way around, no-one said the "original" has to be the older one, in fact there are precedents – Tobias Kienzler Aug 24 '16 at 11:45

@tobiaskienzler, the other question doesn't have an outdated accepted answer. – David Murdoch Aug 24 '16 at 11:48

ok, not outdated, but more complicated. Still, the two questions do appear to be pretty much the same to me, but maybe I'm missing a nuance here... – Tobias Kienzler Aug 24 '16 at 11:56

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3 Answers

You can now do this in most "modern" browsers!

Here is the original article I read (posted July 10, 2010): [HTML5: Changing the browser-URL without refreshing page](#).

For a more in-depth look into pushState/replaceState/popstate (aka the HTML5 History API) [see the MDN docs](#).

TL;DR, you can do this:

```
window.history.pushState("object or string", "Title", "/new-url");
```

See my answer to [Modify the URL without reloading the page](#) for a basic how-to.

edited May 23 at 11:54



answered Jul 27 '10 at 1:34



David Murdoch

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3 Ah, the functionality is in WebKit and landed a few months ago <[bugs.webkit.org/show_bug.cgi?id=36152](#)>. Nice find! – byoogle Jul 27 '10 at 1:46

5 this is now used by github, while tree navigation – Valerij Feb 22 '11 at 19:11

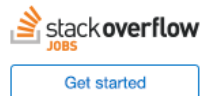
1 @Vprimachenko: Yup. And they break my back button every once in a while. – David Murdoch Feb 22 '11 at 19:27

This can now be done in Chrome, Safari, FF4+, and IE10pp3+! (From David Murdoch's answer to [stackoverflow.com/questions/824349/...](#)) – Zach Lysobey Dec 19 '11 at 17:48

8 Protip: you can use relative paths with these functions as well (e.g. `../new-url` or `../../new-url`).

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Changing only what's after hash - old browsers

```
document.location.hash = 'lookAtMeNow';
```

Changing full URL (the domain and protocol must be the same as original!) Chrome, Firefox, IE10+

```
history.pushState('data to be passed', 'Title of the page',
'https://stackoverflow.com/test');
```

The above will add a new entry to the history so you can press Back button to go to the previous state. To change the URL in place without adding a new entry to history use

```
history.replaceState('data to be passed', 'Title of the page',
'https://stackoverflow.com/test');
```

Try running these in the console now!

edited Aug 11 at 16:15

answered Sep 1 '16 at 16:35



Pawel

3,485 2 21 35

5 replaceState was exactly what I needed, thanks for expanding on original response. – meetalexjohnson Sep 21 '16 at 23:07

1 This is so quick and to the point, it needs more upvotes. – moodboom Apr 16 at 15:08

Update to Davids answer to even detect browsers doesn't support pushstate:

```
if (history.pushState) {
  window.history.pushState("object or string", "Title", "/new-url");
} else {
  document.location.href = "/new-url";
}
```

answered Jul 4 at 11:01



metamagicson

322 4 11

document.location.href reloads the page – paullb Jul 29 at 5:29