## How do I determine scrollHeight?

Asked 7 years, 10 months ago Active 4 years, 1 month ago Viewed 157k times



How do I determine scrollHeight of a division use css overflow:auto?

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I've tried:



```
$('test').scrollHeight();
$('test').height(); but that just returns the size of the div not all the content
```



Ultimately, I'm trying to create a chat and always have the scroll bar to the current message on the screen.

So I was thinking something like the following:

```
var test = $('test').height();
$('test').scrollTop(test);
```

Thank you,

Brian

javascript jquery

edited Sep 19 '14 at 12:23



Huangism

**13.1k** 5 37 61

asked Sep 11 '11 at 22:48



**Brian 2,906** 

11 47 75

What is wrong with using scrollHeight()? – Badr Hari Sep 11 '11 at 22:54

2 @BadrHari: There is no scrollHeight() function in jQuery. – T.J. Crowder Feb 20 '15 at 12:40

it's \$('test').get(0).scrollHeight(); - JFouad Aug 11 '16 at 10:51

## 2 Answers



scrollHeight is a regular javascript property so you don't need jQuery.



var test = document.getElementById("foo").scrollHeight;





edited Jun 12 '15 at 11:57

groovecoder
996 9 24

answered Sep 11 '11 at 22:59

Dennis

Thanks! This worked for me: var height = document.getElementById("chatLog").scrollHeight - \$('#chatLog').height(); \$('#chatLog').scrollTop(height); — Brian Sep 11 '11 at 23:09

- 6 What about browser support? All major versions of browsers support it? IE8+? SexyBeast Jan 21 '14 at 15:39
- 2 @Cupidvogel The linked MDN page says IE8+ Dennis Jan 22 '14 at 0:06



Correct ways in jQuery are -

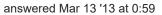
• \$('#test')[0].scrollHeight

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• \$('#test').prop('scrollHeight') OR



Hope it helps.





**Anmol Saraf 10.2k** 7 43 54

- 14 +1 for \$('#test')[0].scrollHeight, given the asker was already using jQuery. Jackson Aug 10 '13 at 9:01
- 12 This should be the accepted answer since it answers the question. invot Feb 19 '16 at 20:50

It should be the accepted answer. Notice that prop method requires jquery version 1.6 or larger. +1 from me - Vayne Jul 25 '17 at 14:30

- Note this only returns the scrollHeight of the "first" element found and if any elements are currently "hidden" you might get a zero here even if others do have a positive scrollHeight, FWIW:) rogerdpack Oct 21 '17 at 6:06
  - @rogerdpack Good point sir! Although in this example he's using an ID instead of a class as the selector so he should be okay, but nonetheless good point. dave4jr May 17 at 21:26