

Home

PUBLIC

Stack Overflow

Tags

Users

Jobs

TEAMS What's this?

First 25 Users Free

How to set tbody height with overflow scroll

Asked 5 years, 6 months ago Active 1 month ago Viewed 182k times

[Ask Question](#)

I am facing problem while setting tbody height width overflow scroll.

94

40

```
<style>
  tbody{
    height:50px;display:block;overflow:scroll
  }
</style>

<h3>Table B</h3>
<table style="border: 1px solid red; width:300px; display: block">
  <thead>
    <tr>
      <td>Name</td>
      <td>phone</td>
    </tr>
  </thead>
  <tbody style='height:50px;display:block;overflow:scroll'>
    <tr>
      <td>AAAA</td>
      <td>323232</td>
    </tr>
    <tr>
      <td>BBBBBB</td>
      <td>323232</td>
    </tr>
    <tr>
      <td>CCCCCC</td>
      <td>3435656</td>
    </tr>
  </tbody>
</table>
```

[Visit my fiddle here](#)

Home

PUBLIC

Stack Overflow

Tags

Users

Jobs

TEAMS What's this?

First 25 Users Free

I want table B like Table A with overflow scroll.

Any help will be appreciated.

Many Thanks, M.

[html](#)[css](#)

[share](#) [improve this question](#)

asked Jun 2 '14 at 7:35



Maverick

1,943 ● 3 ● 21 ● 34

Can't understand. You want Table B like table A with overflow scroll but table A hasn't overflow, table B has. – [Alex Char](#) Jun 2 '14 at 7:44

Alek : When i set height of tbody with overflow scroll and display block then design goes massive. – [Maverick](#) Jun 2 '14 at 7:49

Alignment should be like table A. got it? – [Maverick](#) Jun 2 '14 at 7:50

Yeah i get it now thx:) – [Alex Char](#) Jun 2 '14 at 7:50

[add a comment](#)

Blog

[What senior developers can learn from beginners](#)

[WebSockets for fun and profit](#)

Featured on Meta

[We're lowering the close/reopen vote threshold from 5 to 3 for good](#)

[Why was I just awarded a bunch of "Announcer" badges?](#)

Looking for a job?



Senior Full Stack Engineer (multiple openings) - Remote, USA ONLY

SocialChorus No office location

\$100K - \$175K REMOTE

[javascript](#) [ruby-on-rails](#)

Senior Vue.js Developer (Remote)

X-Team No office location

REMOTE

[angular](#) [javascript](#)

Experienced Backend Engineer - Go

Theorem No office location

REMOTE

[reactjs](#) [go](#)

Senior Java Software Engineer | Backend (f/m/x)

HeavenHR Berlin, Deutschland

€50K - €75K VISA SPONSORSHIP

[java](#) [spring](#)

Full Stack JavaScript Developer - Senior

GitStart No office location

\$14K - \$36K REMOTE

[typescript](#) [node.js](#)

[View more jobs on Stack Overflow](#) >

Linked

11 Answers

active oldest votes

 if you want `tbody` to show a scroll , turn it into a `block` .

195 To keep behavior of `table` , turn `tr` into `table` .

 to spray evenly the cells , use `table-layout:fixed;`



Table A

a

Name	phone
AAAAA	323232
BBBBB	323232

[DEMO](#)

CSS for your HTML test :

```
table ,tr td{  
    border:1px solid red  
}  
tbody {  
    display:block;  
    height:50px;  
    overflow:auto;  
}  
thead, tbody tr {  
    display:table;  
    width:100%;  
    table-layout:fixed; /* even columns width , fix width of table too */  
}  
thead {  
    width: calc( 100% - 1em ) /* scrollbar is average 1em/16px width, remove it from thead width */;  
}  
table {  
    width:400px;  
}
```

If `tbody` doesn't show a scroll, because content is less than `height` OR `max-height` , set the scroll anytime with : `overflow-y:scroll;` . [DEMO 2](#)

[share](#) [improve this answer](#)

edited Jun 2 '14 at 8:30

answered Jun 2 '14 at 7:57



G-Cyr

68.6k ● 12 ● 70 ● 93

Home

PUBLIC

 Stack Overflow

Tags

Users

Jobs

TEAMS

What's this?

 First 25 Users Free

0 Table with fixed head and scrollable tbody; head columns fit tbody columns

0 Responsive table with headers and Y scroll

-3 How to adjust width of the th as per the td width using css

0 Fixed header table does not have <thead> and <tbody> columns aligned

132 "Position: sticky," not Working CSS and HTML

6 Materialize scroll tbody

3 Pure CSS scrolling tbody and static head table w/ dynamic height & width

0 Table with display: block properties. I would like to create the row widths to 100% but doesn't work

0 rows of bootstrap header and body not aligning properly in bootstrap responsive table

0 Make table scrollable

[see more linked questions...](#)

Related

1764 Make a div fill the height of the remaining screen space

4138 How to horizontally center a <div>

3228 Set cellpadding and cellspacing in CSS?

2224 How do I give text or an image a transparent background using CSS?

4973 How to disable text selection highlighting

4417 How do I check whether a checkbox is checked in jQuery?

2035 How to make a div 100% height of the browser window

2004 How can I transition height: 0; to height: auto; using CSS?

2554 How do I disable the resizable property of a textarea?

Home

PUBLIC

 Stack Overflow

Tags

Users

Jobs

TEAMS

What's this?

1 GCyrillus : you are closest. But there is one issue. table width went too high. Can we fix table width? – [Maverick](#) Jun 2 '14 at 8:19

1 Sorry, I do not have example. If we talk about code provided by you its not taking width defined in above code means: `table { width:400px; }` – [Maverick](#) Jun 2 '14 at 8:36

1 Thanks a lot @GCyrillus it works great ! May I suggest one tip ? Replace `overflow:auto` by `overflow-y: scroll` to avoid headers to stay 1em left even when body does not need scrollbar. – [Bludwarf](#) Oct 22 '15 at 14:11

3 Finally! I'm now able to have a fixed height, scrolling table body, fixed headers, adjustable column widths all without javascript! Thank you!! – [Matt Hancock](#) Dec 6 '15 at 23:13

1 With a small change in CSS: `thead tr, tbody tr { display: flex; }` It worked great... Thank you G-Cyrus – [Vimal Rai](#) Sep 19 '18 at 10:11

Hot Network Questions

1 If a NPC is successful in a saving throw against a type it's vulnerable against, does it just take what I rolled for damage or would it be halved?

1 Should I ground the heatsink?

1 AES Key Derivation algorithm

1 Why do some groups of tourists include someone carrying a banner?

1 Science-fiction short story ending with the line

[show 7 more comments](#)

It is simple way to use scroll bar to table body

44

```
/* It is simple way to use scroll bar to table body*/

.tableBodyScroll tbody {
  display: block;
  max-height: 300px;
  overflow-y: scroll;
}

.tableBodyScroll thead,
tbody tr {
  display: table;
  width: 100%;
  table-layout: fixed;
}

<table class="tableBodyScroll">
  <thead>
    <th>Invoice Number</th>
    <th>Purchaser</th>
    <th>Invoice Amount</th>
    <th>Invoice Date</th>
  </thead>
  <tbody>
    <tr>
      <td>INV-1233</td>
      <td>Dinesh Vaitage</td>
      <td>$300</td>
      <td>01/12/2017</td>
    </tr>
    <tr>
      <td>INV-1233</td>
      <td>Dinesh Vaitage</td>
      <td>$300</td>
      <td>01/12/2017</td>
    </tr>
  </tbody>
</table>
```

[Run code snippet](#)[Expand snippet](#)

Twenty years later, it didn't seem so funny.

[How to drop decimal place on numbers in a JSON array?](#)[Is it allowed to offer incentives for 5 star ratings on the Google Play app store?](#)[How do I ensure a CMYK cyan that works in Red-Blue stereoscopic printing?](#)[Which non-stop passenger flight connects two cities with the largest temperature difference?](#)[Why do most piano teachers dislike the idea of students playing by ear and arranging songs on their own?](#)[How do airlines compute weight allowances for carry-on bags?](#)[How does increasing the size of a jet engine make it more fuel efficient?](#)[What does ゲヒゲヒ mean?](#)[How can I generate random matrices with certain requirements for the entries?](#)[Dynamic view in Sharepoint list](#)[What sort of world would help prevent an intelligent species from discovering evolution?](#)[Does the counter of an Atmega328 still count inside interrupt handler?](#)[Motivation for definition of free group?](#)[Why can't the public vote to impeach a president?](#)[Unit Circle and Circle of Radius R](#)[Does ascending one step burn 0.1 kcal of energy?](#)[By myself I have many meanings](#)[Define the finite field GF\(9\)](#)[What are these containers called for waste?](#)[Question feed](#)

Home

PUBLIC

Stack Overflow

Tags

Users

Jobs

TEAMS What's this?

PUBLIC

Stack Overflow

Tags

Users

Jobs

TEAMS

What's this?

First 25 Users Free

1 Perfect, this one ^ +1 – Shanid Feb 18 '17 at 5:50

19 Far from perfect, forces all columns to be the same width – stackers Apr 9 '18 at 17:54

Is there a way to do this without setting the height of the body? – shinzou May 8 '18 at 8:28

1 I will work on it... but If we did not use height, so all the records will display at a time there will be no vertical scroll bar. thanks @shinzou – Dinesh Vaitage May 11 '18 at 11:03

@stackers You can set column widths by adding width: 100px to td, th inside tbody, thead – Dariusz Sikorski Nov 15 at 13:40

add a comment

▲
10

By default overflow does not apply to table group elements unless you give a display:block to <tbody> also you have to give a position:relative and display: block to <thead>. Check the [DEMO](#).

```
.fixed {  
    width:350px;  
    table-layout: fixed;  
    border-collapse: collapse;  
}  
.fixed th {  
    text-decoration: underline;  
}  
.fixed th,  
.fixed td {  
    padding: 5px;  
    text-align: left;  
    min-width: 200px;  
}  
  
.fixed thead {  
    background-color: red;  
    color: #fdfdfd;  
}  
.fixed thead tr {  
    display: block;  
    position: relative;  
}  
.fixed tbody {  
    display: block;  
    overflow: auto;  
    width: 100%;  
    height: 100px;  
    overflow-y: scroll;  
    overflow-x: hidden;  
}
```

share improve this answer

edited Aug 4 '16 at 11:06

Angel Politis
8,584 • 12 • 35 • 55

answered Jun 2 '14 at 8:00

Kheema Pandey
8,387 • 4 • 18 • 22

1 Is there a way to do this without setting the height of the body? – shinzou May 8 '18 at 8:28

2 doesn't fully work. if the column name is wider than the column content, it misaligns it. – Cristiano Maia Aug 18 '18 at 12:32 ↗

add a comment

▲
10

Another approach is to wrap your table in a scrollable element and set the header cells to stick to the top.

The advantage of this approach is that you don't have to change the display on tbody and you can leave it to the browser to calculate column width while keeping the header cell widths in line with the data cell column widths.

Home

PUBLIC

 Stack Overflow

Tags

Users

Jobs

TEAMS

What's this?

 First 25 Users Free

```
/* Set a fixed scrollable wrapper */
.tableWrap {
    height: 200px;
    border: 2px solid black;
    overflow: auto;
}
/* Set header to stick to the top of the container. */
thead tr th {
    position: sticky;
    top: 0;
}

/* If we use border,
we must use table-collapse to avoid
a slight movement of the header row */
table {
    border-collapse: collapse;
}

/* Because we must set sticky on th,
we have to apply background styles here
rather than on thead */
th {
    padding: 16px;
    padding-left: 15px;
    border-left: 1px dotted rgba(200, 209, 224, 0.6);
    border-bottom: 1px solid #e8e8e8;
    background: #ffc491;
    text-align: left;
    /* With border-collapse, we must use box-shadow or psuedo elements
    for the header borders */
    box-shadow: 0px 0px 0 2px #e8e8e8;
}

/* Basic Demo styling */
table {
    width: 100%;



| <th><span>Month</span></th>              | <th>         | <th><span>Event</span></th>           | <th><span>Action</span></th> |
|------------------------------------------|--------------|---------------------------------------|------------------------------|
| <td>January</td>                         | <td>AAA</td> | <td><span>Invite   Delete</span></td> |                              |
| <td>February. An extra long string.</td> | <td>AAA</td> | <td><span>Invite   Delete</span></td> |                              |
| <td>March</td>                           | <td>AAA</td> | <td><span>Invite   Delete</span></td> |                              |


```

Home

PUBLIC

 Stack Overflow

Tags

Users

Jobs

TEAMS

What's this?

 First 25 Users Free

```
<tr>
  <td>April</td>
  <td>AAA</td>
  <td><span>Invite | Delete</span></td>
</tr>
<tr>
  <td>May</td>
  <td>AAA</td>
  <td><span>Invite | Delete</span></td>
</tr>
```

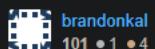
[Run code snippet](#)

[Expand snippet](#)

share improve this answer

edited Jul 12 at 0:31

answered Jul 11 at 23:21



brandonkal

101 • 1 • 4

2 Great idea! It does not mess the table layout like the other options do. – André Aug 3 at 23:39

Reminder to anyone else that you need to make sure no ancestor elements are using overflow. Could cause position: sticky to not work [stackoverflow.com/questions/43707076/...](#) – cboston Dec 16 at 16:32 ↗

[add a comment](#)

Simplest of all solutions:

Add the below code in CSS:

```
.tableClassName tbody {
  display: block;
  max-height: 200px;
  overflow-y: scroll;
}

.tableClassName thead, .tableClassName tbody tr {
  display: table;
  width: 100%;
  table-layout: fixed;
}
.tableClassName thead {
  width: calc( 100% - 1.1em );
}
```

1.1 em is the average width of the scroll bar, please modify this if needed.

share improve this answer

edited Nov 20 at 8:08

answered Sep 18 '18 at 11:11



Gil Baggio

4,413 • 1 • 27 • 25

1 The syntax on the 2nd rule is incorrect, as it ends up selecting ALL tbody tr elements on the page. Change to: .tableClassName thead, .tableClassName tbody tr {...} – Aaron Hudon Nov 19 at 21:29

[add a comment](#)

Change your second table code like below.

1

```
<table style="border: 1px solid red; width:300px; display: block;">
<thead>
  <tr>
    <td width=150>Name</td>
    <td width=150>phone</td>
  </tr>
</thead>
<tbody>
  <tr>
    <td>John Doe</td>
    <td>(555) 123-4567</td>
  </tr>
</tbody>
</table>
```

Home

PUBLIC

Stack Overflow

Tags

Users

Jobs

TEAMS

What's this?

First 25 Users Free

Jobs

TEAMS What's this? First 25 Users Free

```
</tr>
</tbody>
</table>
```

[JSFIDDLE DEMO](#)

share improve this answer

answered Jun 2 '14 at 7:54 by  Suresh Ponnukalai 12.4k ● 4 ● 24 ● 46

Is there a way to do this without setting the height of the body? – shinzou May 8 '18 at 8:29

add a comment

 0 

I guess what you're trying to do, is to keep the header fixed and to scroll the body content. You can scroll the content into 2 directions:

- horizontally: you won't be able to scroll the content horizontally unless you use a slider (a jQuery slider for example). I would recommend to avoid using a table in this case.
- vertically: you won't be able to achieve that with a `tbody` tag, because assigning `display:block` or `display:inline-block` will break the layout of the table.

Here's a solution using `divs` : [JSFiddle](#)

HTML:

```
<div class="wrap_header">
  <div class="column">
    Name
  </div>
  <div class="column">
    Phone
  </div>
  <div class="clearfix"></div>
</div>
<div class="wrap_body">
  <div class="sliding_wrapper">
    <div class="serie">
      <div class="cell">
        AAAAAA
      </div>
      <div class="cell">
        323232
      </div>
      <div class="clearfix"></div>
    </div>
    <div class="serie">
      <div class="cell">
        BBBBBB
      </div>
      <div class="cell">
        323232
      </div>
    </div>
  </div>
</div>
```

Home

PUBLIC

Stack Overflow

Tags

Users

Jobs

TEAMS What's this?

First 25 Users Free

```
</div>
<div class="clearfix"></div>
</div>
<div class="serie">
    <div class="cell">
        CCCCCC
    </div>
    <div class="cell">
        3435656
    </div>
<div class="clearfix"></div>
```

CSS:

```
.wrap_header{width:204px;}
.sliding_wrapper,
.wrap_body {width:221px;}
.sliding_wrapper {overflow-y:scroll; overflow-x:none;}
.sliding_wrapper,
.wrap_body {height:45px;}
.wrap_header,
.wrap_body {overflow:hidden;}
.column {width:100px; float:left; border:1px solid red;}
.cell {width:100px; float:left; border:1px solid red;}

/*
 * @info Clearfix: clear all the floated elements
 */
.clearfix:after {
    visibility:hidden;
    display:block;
    font-size:0;
    content:" ";
    clear:both;
    height:0;
}
.clearfix {display:inline-table; }

/*
 * @hack Display the Clearfix as a block element
 * @hackfor Every browser except IE for Macintosh
 */
/* Hides from IE-mac */
/* html .clearfix {height:1%;}
.clearfix {display:block; }
/* End hide from IE-mac */
```

Home

PUBLIC

Stack Overflow

Tags

Users

Jobs

TEAMS What's this?

First 25 Users Free

Explanation:

You have a `sliding wrapper` which will contain all the data.

Note the following:

```
.wrap_header{width:204px;}
.sliding_wrapper,
.wrap_body {width:221px;}
```

There's a difference of 17px because we need to take into consideration the width of the scrollbar.

share improve this answer

answered Jun 2 '14 at 8:19

 Wissam El-Kik
2,275 • 1 • 10 • 21

add a comment

Webkit seems to use internally `display: table-row-group` for the `tbody` tag. There is currently a bug with setting a height to it: <https://github.com/w3c/csswg-drafts/issues/476>

0

Let's hope it will be solved soon.

[share](#) [improve this answer](#)

answered Feb 27 '18 at 14:57

 Karl Adler
9,408 • 4 • 47 • 69

[add a comment](#)

0

In my case I wanted to have responsive table height instead of fixed height in pixels as the other answers are showing. To do that I used percentage of visible height property and overflow on div containing the table:

```
&__table-container {  
    height: 70vh;  
    overflow: scroll;  
}
```

This way the table will expand along with the window being resized.

[share](#) [improve this answer](#)

answered Mar 12 '18 at 10:00

 kazuar
695 • 1 • 7 • 13

[add a comment](#)

0

HTML:

```
<table id="uniquetable">  
  <thead>  
    <tr>  
      <th> {{ field[0].key }} </th>  
      <th> {{ field[1].key }} </th>  
      <th> {{ field[2].key }} </th>  
      <th> {{ field[3].key }} </th>  
    </tr>  
  </thead>  
  <tbody>  
    <tr v-for="obj in objects" v-bind:key="obj.id">  
      <td> {{ obj.id }} </td>  
      <td> {{ obj.name }} </td>  
      <td> {{ obj.age }} </td>  
      <td> {{ obj.gender }} </td>  
    </tr>  
  </tbody>  
</table>
```

Home

Home

PUBLIC

 Stack Overflow

Tags

Users

Jobs

TEAMS What's this?

 First 25 Users Free

CSS:

```
#uniquetable thead{  
  display:block;  
  width: 100%;  
}  
#uniquetable tbody{  
  display:block;  
  width: 100%;  
  height: 100px;  
  overflow-y:overlay;  
  overflow-x:hidden;  
}  
#uniquetable tbody tr,#uniquetable thead tr{  
  width: 100%;  
  display:table;
```

```
}
```

```
#uniquetable tbody tr td, #uniquetable thead tr th{
```

```
    display:table-cell;
```

```
    width:20% !important;
```

```
    overflow:hidden;
```

```
}
```

this will work as well:

```
#uniquetable tbody {
```

```
    width:inherit !important;
```

```
    display:block;
```

```
    max-height: 400px;
```

```
    overflow-y:overlay;
```

```
}
```

```
#uniquetable thead {
```

```
    width:inherit !important;
```

```
    display:block;
```

```
}
```

```
#uniquetable tbody tr, #uniquetable thead tr {
```

```
    display:inline-flex;
```

```
    width:100%;
```

```
}
```

```
#uniquetable tbody tr td, #uniquetable thead tr th {
```

```
    display:block;
```

```
    width:20%;
```

```
    border-top:none;
```

```
    text-overflow: ellipsis;
```

```
    overflow: hidden;
```

```
    max-height:400px;
```

```
}
```

Home

PUBLIC

 Stack Overflow

Tags

Users

Jobs

TEAMS

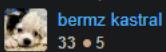
What's this?

 First 25 Users Free

[share](#) [improve this answer](#)

edited Sep 6 '18 at 9:33

answered Sep 5 '18 at 9:38



[add a comment](#)

 For me just adding two lines worked

-1

```
th {
```

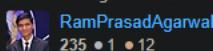
```
    position: sticky;
```

```
    top: 0;
```

```
}
```

[share](#) [improve this answer](#)

answered Aug 14 at 9:36



[add a comment](#)

Your Answer

B I ⌂ “ { } □ ━ ━ ━ ━ ━ ━

Home

PUBLIC

 Stack Overflow

[Tags](#)[Users](#)[Jobs](#)[Sign up or log in](#)[G Sign up using Google](#)[f Sign up using Facebook](#)[✉ Sign up using Email and Password](#)[Post as a guest](#)**Name****Email**

Required, but never shown

[Post Your Answer](#)

By clicking "Post Your Answer", you agree to our [terms of service](#), [privacy policy](#) and [cookie policy](#)

[Home](#)[PUBLIC](#)[Stack Overflow](#)[Tags](#)[Users](#)[Jobs](#)[TEAMS](#)[What's this?](#)[First 25 Users Free](#)

Not the answer you're looking for? Browse other questions tagged [html](#) [css](#) or [ask your own question](#).

**STACK OVERFLOW**

- [Questions](#)
- [Jobs](#)
- [Developer Jobs Directory](#)
- [Salary Calculator](#)
- [Help](#)
- [Mobile](#)

PRODUCTS

- [Teams](#)
- [Talent](#)
- [Advertising](#)
- [Enterprise](#)

COMPANY

- [About](#)
- [Press](#)
- [Work Here](#)
- [Legal](#)
- [Privacy Policy](#)
- [Contact Us](#)

STACK EXCHANGE NETWORK[Blog](#) [Facebook](#) [Twitter](#) [LinkedIn](#)

- [Technology](#)
- [Life / Arts](#)
- [Culture / Recreation](#)
- [Science](#)
- [Other](#)

site design / logo © 2019 Stack Exchange Inc; user contributions
licensed under cc-by-sa 4.0 with attribution required

By using our site, you acknowledge that you have read and understand our [Cookie Policy](#), [Privacy Policy](#), and our [Terms of Service](#). ×