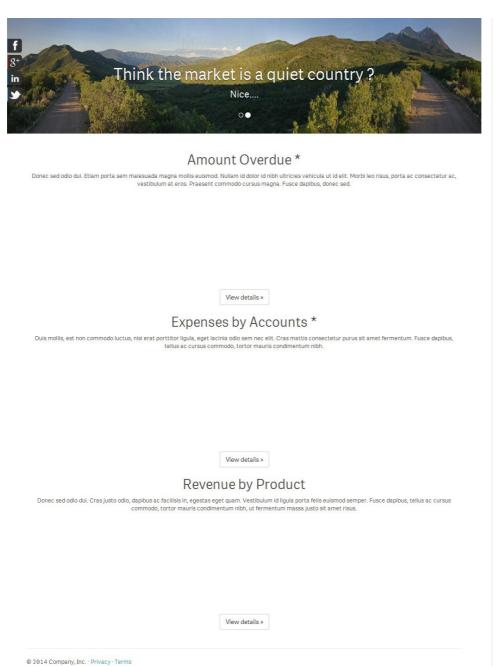


wkhtmltoimage view:







dcoueron referenced this issue Sep 26, 2014

SVG Image not rendering properly on pdf or missing #1975





sdwolfz commented Sep 29, 2014

From my experience, highcharts, d3 and g.raphael svg are displayed in pdf's without the need of a javascript-delay, others like chart.js need a delay of ~300ms and others are not displayed at all (an example would be c3.js).

Also google charts need a huge delay and also render really slow because of all the api calls. I am also waiting for any hint on how to make it work for stuff like c3.js



skybondsor commented Dec 17, 2014

Like @dcoueron, I'm having trouble getting d3 charts to render in the PDF. Charts render fine in the page in a browser, and they also render when I "print to PDF" in Chrome. They unfortunately don't render with wkhtmltopdf. Google Charts works just fine for me, though.



Same problem here with a simple Highcharts example:

https://gist.github.com/webdevilopers/e0d34a1c04ef2050a450#comment-1359856

All animations etc. are disabled and javascript delay was tested. The page displays the chart, the pdf does

I testet a jqPlot chart instead which worked fine. I am using the

https://github.com/KnpLabs/KnpSnappyBundle for Symfony2 as a wrapper.

Is there a log file I can lookup the actual wkhtmltopdf command? I'm using a Debian Wheezy.



webdevilopers commented Jan 8, 2015

There seems to be an issue with wkhtmltopdf and HighCharts using specific ports like 8000 or 8080:

- barryvdh/laravel-snappy#9
- KnpLabs/snappy#58

Still checking. Any help would be appreciated!

Feel free to follow my steps on my gist:

https://gist.github.com/webdevilopers/e0d34a1c04ef2050a450



webdevilopers commented Jan 8, 2015

I found the root of my problems caused by the PHP built-in server because it is single-threaded.

Fur further details:

https://gist.github.com/webdevilopers/e0d34a1c04ef2050a450#comment-1368355



JimTrascapoulos commented Jan 8, 2015 • edited by Tomsgu ▼

This could also be related - I'm finding that SVG lines that produce dotted lines using -dasharray is not clipping the stroke path. This example:

```
<svg width="500px" height="14px" viewBox="0 0 500 14">
<line x1="3" x2="530" y1="5" y2="5" stroke="#63a70a" stroke-width="7" stroke-linecap="round"</pre>
</svq>
```

produces a reddish-brown dotted line of 7px round dots, 13px apart - but on printing (and in some PDF viewers, not Apple's Preview) there is a black stroke in the background; I suspect it's the line path and the renderer isn't clipping it out.



ashkulz commented Jan 8, 2015

Member

Can someone try and see if it is better with 0.13 alpha?



ashkulz referenced this issue Jan 14, 2015

Canvas element renders with border in PDF #2146





JohnKacz commented Jan 20, 2015

@sdwolf, are you able to generate pdfs with wkhtmltopdf containing chart.js charts (which use element)?

I am not able to even if I set a long javascript delay. According to these links on the Google Group (here and here) it looks like it may not be supported.



sdwolfz commented Jan 21, 2015

@JohnKacz I tried again just now (wkhtmltopdf 0.12.2.1 (with patched qt)) on the main page of chartjs and it is not working for me either.

When i last tried it i used it in a rails application with the wicked_pdf gem

(https://github.com/mileszs/wicked_pdf), i think i used version 0.9 and it worked with a delay of 300ms. I won't be able to test that for a while now but i'd suggest you try on a chart with no animations and see if you have any luck.



ashkulz commented Jan 21, 2015

Member

Did anyone try with 0.13 like I asked earlier?



laguiz commented Jan 25, 2015

I'm on macos. I don't see build for macos here: http://sourceforge.net/projects/wkhtmltopdf/files/0.13.0alpha/

I will try on a Windows on try to build is from source.



laguiz commented Jan 25, 2015

Just tested with wkhtmltoimage 0.13.0-alpha-391fd34 and it seems to be the same.

Tested with:

wkhtmltopdf --javascript-delay 1000 http://www.chartjs.org/docs/#line-chart-example-usage testchartjs.pdf





laguiz commented Jan 25, 2015

Maybe the previous page was to complexe.

Even with current version of wkhtmltopdf 0.12.2.1 (with patched qt) this is working perfectly :

wkhtmltopdf --javascript-delay 10000 http://netdna.webdesignerdepot.com/uploads7/easilycreate-stunning-animated-charts-with-chart-js/chartjs-demo.html testchartjs2.pdf

Not sure why this page does not work then $\label{localization} \verb|http://www.chartjs.org/docs/\#line-chart-example-usage|.$

Very good job with wkhtmltopdf.





jkuchta commented Feb 3, 2015

I am having the same issue with c3.js and wkhtmltopdf

/wkhtmltopdf --javascript-delay 5000 "http://c3js.org/samples/chart_donut.html" ~/test.pdf results in a blank chart but the rest of the page is correctly pdf'ed

Donut Chart

chart_donut.js

© Masayuki Tanaka 2014



laguiz commented Feb 7, 2015

I found a workaround for chartjs documentation page.

In short: set the width and height of the parent div container.

Example for chartjs:

In the page http://netdna.webdesignerdepot.com/uploads7/easily-create-stunning-animated-charts-with-chart-js/chartjs-demo.html we have this html code:

If I only change the above html with (I fix the width and height)

```
<free <p><free <p><free <p><div class="canvas-holder" style="width: 818px; height: 409px;">
<canvas width="1636" height="818" style="width: 818px; height: 409px;"></canvas></div>
It works for this chart.
@jkuchta Can you try with your c3.js if it's similar?
```



JohnKacz commented Feb 16, 2015 • edited by Tomsgu ▼

...

I've got it working with 0.12.2.1 (on both linux and osx) by setting the canvas dimensions in my javascript file. My javascript delay was only 500.

```
var ctx = $("#radar-chart").get(0).getContext("2d");
ctx.canvas.width = 600;
ctx.canvas.height = 350;
```



shamity commented Apr 12, 2015

...

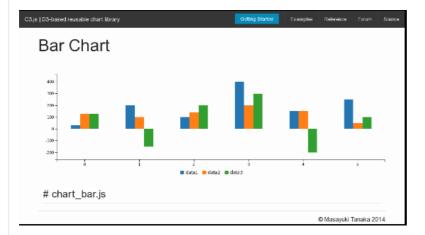
Tried some of the scenario with 0.13, SVG works fine now except for some edge cases like embedded images. I am trying to track the issue to parts of QTWebKit by reproducing it with other browsers based on QT.



jedvardsson commented May 18, 2015

The following c3 chart renders fine using the latest 0.13.0-alpha (but there are some errors in the output log).

```
$ wkhtmltoimage --version
wkhtmltoimage 0.13.0-alpha-7b36694
$ wkhtmltoimage --javascript-delay 2000 http://c3js.org/samples/chart_bar.html test.png
xkbcommon: ERROR: failed to add default include path auto
Qt: Failed to create XKB context!
Use QT_XKB_CONFIG_ROOT environmental variable to provide an additional search path, add ':
Loading page (1/2)
load glyph failed err=6 face=0x38354e0, glyph=2793===> ] 88%
Rendering (2/2)
Done
```



However, when trying the same page using wkhtmltopdf it does not render properly

```
$ wkhtmltopdf --javascript-delay 10000 http://c3js.org/samples/chart_bar.html test.pdf
  xkbcommon: ERROR: failed to add default include path auto
  Qt: Failed to create XKB context!
  Use QT_XKB_CONFIG_ROOT environmental variable to provide an additional search path, add ':
  Loading page (1/2)
  load glyph failed err=6 face=0x3ec3b60, glyph=2793===>
                                                                   ] 88%
  Printing pages (2/2)
  load glyph failed err=6 face=0x3ec3b60, glyph=2793
  Done
    • C3.js | D3-based reusable chart library

    Getting Started

    Examples

    Reference

    Forum

  Bar Chart
  # chart_bar.js
  © Masayuki Tanaka 2014
It looks like the css isn't loaded at all.
panovek commented May 23, 2015
How i fix this problem for c3js and wkhtmltopdf 0.12.2.1:
 • Add js code before other javascripts (QtWebKit has problems with Function.prototype.bind):
  Function.prototype.bind = Function.prototype.bind || function (thisp) {
      var fn = this;
      return function () {
           return fn.apply(thisp, arguments);
```



```
};
```

• Set width style for chart div, for example - style="width:950px;"





SimonB05 commented Jun 11, 2015

@panovek Thank you so much for your fix, you saved my day!

It works for me with multi charts (d3.js) and wkhtmltopdf 0.12.2.2 (with patch qt) on symfony webapp.



birko commented Jun 18, 2015

hello. i Have the smae issue as @JimTrascapoulos did someone find a workaround for this?



matheuslc commented Nov 9, 2015

Hi, everyone.

Recently, I had the same problem and I solve this by using absolute path in my assets link.

Like this:

```
<script src="{{ app.request.schemeAndHttpHost ~ asset_url }}"></script>
```

The entire assets block:

Cheers.



rafaeldiassoares commented Nov 17, 2015 • edited by Tomsgu -

...

@matheuslc use this script in head tag?

```
{% block javascripts %}
    {% javascripts
        'assets/vendor/jquery/dist/jquery.js'
        'assets/vendor/highcharts-release/highcharts.js'
        '@AppBundle/Resources/public/js/answerAverageChart.js'
        *}
        <script src="{{ app.request.schemeAndHttpHost ~ asset_url }}"></script>
        {% endjavascripts %}
        {% endblock %}
```

my code

```
<link rel="stylesheet" href="css/styles.css"/>
{% block javascripts %}
    {% javascripts
    'js/amcharts.js'
    'is/amcharts.pie.is'
    'js/amcharts.serial.js',
    'js/amcharts.amstock.js',
    'js/amcharts.lang.pt.js',
    'js/moment.js',
    'js/moment.lang.pt-br.js',
    'js/lodash.js',
    'js/jquery.js'
    'relatorio-monitoramento-pulverizacoes.js'
   %}
    {% endjavascripts %}
{% endblock %}
</head>
```

Another example is?



matheuslc commented Nov 18, 2015

@rafaeldiassoares No, this scrips are before the body tag.



kikuchiyo commented Dec 19, 2015

Using wkhtmltopdf and c3.js (d3.js implicitly) and was unable to get any svg to show up in pdfs; turned on debug-javascript option and started getting errors at locations where d3 uses greek characters; swapped out all the greek characters with hideous looking replacements, like 'greek_delta' for ∂ - about a dozen different chars used - and c3.js charts started showing up in my pdfs. wkhtmltopdf rendering of the page cannot handle the greek chars, but browsers can. Give it a try for a short term fix if you've been banging your head against the wall all day with kwhtmltopdf and c3.js.



ralfclaassens commented Mar 18, 2016

Problem:

When using wkhtmltopdf / wkhtmltoimage the pdf / image on a html page (with Google Chart), it did not contain the Google chart. The output (pdf / png) was simply blank at the position the Google Chart should show up. The original html page was okay, of course.

Solution:

I solved this issue (Google Charts + wkhtmltopdf) by replacing:

<script src="http://www.gstatic.com/charts/loader.js"></script>

by

<script src="http://www.google.com/jsapi"></script>

Somehow the wkhtmltopdf library could not handle a Google Chart html page which contains the first javascript include.

1



[3] jrr referenced this issue Mar 26, 2016

hang with google charts loader.js #2855





waspinator commented Apr 17, 2016

I experience a similar issue when trying to include a QR code PNG image generated with https://github.com/endroid/QrCode. It works fine in the web browser, but not in the PDF.

9 hidden items

Load more...



brainded commented May 4, 2017

To anyone still trying to get chartjs v2 working, I ended up setting a width and height on the canvas like someone else suggested about but also setting responsive = false and animation duration = 0 and this resolved the issue for me.



thisbounty pushed a commit to thisbounty/pdfreport that referenced this issue May 23, 2017



Fixes for showing highchart JS ...

a7ed317



ghfengg commented Jun 21, 2017

where is 0.13 version? @ashkulz



maxdmo commented Aug 18, 2017 • edited ▼

Hi. I come here to share my solution to this problem with laravel-snappy and Chart.js.

In my case, the problem was:

When i pass a view to the PDF generator with \$snappy->generateFromHtml(... this view isn't able to render the javascript path using the elixir('js/someJs.js). So to solve this problem (the same thing was valid to CSS), i have to use the full path using public_path(elixir(... and voila... it's working.

Obs: the fixed width and height in a div that hold the canvas, and the canvas itself was necessary to.

Ty everyone and sorry for the bad english:).



rnayana commented Oct 6, 2017

..

I am using wkhtmltopdf to render pdf from html. It is not rendering graphs for me as well. Is there any fix available for this?



```
sebgmc commented Oct 6, 2017
```

...

Please remember to use absolute paths to your CSS and JS libraries, as well as to images, otherwise WKHTMLTOPDF cannot render these files. That is my experience with using HighCharts, embedded images and WKHTMLTOPDF.



charuhasrocks commented Nov 14, 2017 • edited by Tomsgu -

i am using wkhtmltopdf to genrate pdf but chart-js is getting in html but not generating pdf it shows error

Many suggested that wkhtmltopdf does not render canvas tag but i have converted to data URL and then render by destroying canvas after use.

```
var canv = document.createElement('canvas');
canv.id = container;
document.body.appendChild(canv); // adds the canvas to the body element

var ctx = document.getElementById(container).getContext("2d");
var d = new Chart(ctx, config);
var imageDataBase64 = document.getElementById(container).toDataURL("image/jpg");
$('#' + container + "_image").attr('src', imageDataBase64);
d.destroy(container);
$('#' + container).remove();
```



```
josephkeller9 commented Nov 28, 2017 • edited by Tomsgu ▼
```

I ran into a similar problem with an HTML page containing an image element referencing an SVG file. My first failed solution was to embed the externally referenced SVG in the HTML page, but this fails when two embedded images now contain the same id.

The working solution does require copying the HTML file and SVG files to specific relative locations. When the image element src attribute is a changed to a relative path the SVG now renders correctly! This works with both UNC locations and drive letter locations.

Example 1:, If there is an HTML file //server/directory/webpage.html with image element <image src="//server/directory/images/vectorfile.svg"> change to <image src="images/file.svg">

Example 2:, if there is an HTML file C:\directory\webpage.html with image element <image src="C:\directory\images\vectorfile.svg"> change to

```
<image src="images\file.svg">
```

Again, I had to copy these files to these locations, but as long as the SVG location is relative to the HTML file I am converting to a PDF, it works.

Strange that this is not a problem with PNG files or several other image types I tested.



aless673 commented Jan 11, 2018

Same problem here.

Tried all versions of Chart.js and Wkhtmltopdf (Windows and CentOS)
Tried to fix size of canvas and its container.
Disabled animation.

But still not working.

Anyone has a solution?



danpadua commented Jan 22, 2018

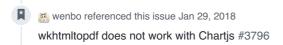
@laguiz How to show legend in pie in the case?



aguiz commented Jan 23, 2018 • edited ▼

@danpadua sorry I don't know. Currently we are evaluating to use Headless Chrome

https://developers.google.com/web/updates/2017/04/headless-chrome



roarkmccolgan commented Feb 28, 2018 • edited by Tomsgu →



FOR THOSE USING CHART.JS: I had this issue when using chart.js 2.7.1.

After switching to chart.js 2.6.0, the issue went away and I was able to PDF my charts. Seemingly, something added to chart.js after v2.6.0 has broken this.

If this doesn't work for you, try @laguiz comment (with all of the likes) above

I'm a little late to the party, but hopefully this helps someone:)



A 2

roarkmccolgan commented Feb 28, 2018 ****

@charliereese could you please share the html page you are using?

I've downgraded to v2.6 and still getting a blank screen.

Thanks



For chartjs I am only able to get v1 to render correctly, anything 2.0 and over fails regardless of div holder size.

```
<!DOCTYPE html>
  <html>
  <body>
   <script src=https://cdnjs.cloudflare.com/ajax/libs/Chart.js/1.0.2/Chart.min.js charset=utf</pre>
   var barData = {
     labels : ["January","February","March","April","May","June"],
     datasets : [
      fillColor: "#48A497"
      strokeColor : "#48A4D1",
      data: [456,479,324,569,702,600]
   // get bar chart canvas
   var income = document.getElementById("myChart").getContext("2d");
   // draw bar chart
   new Chart(income).Bar(barData);
  </script>
  </body>
  </html>
Renders as expected using khtmltopdf 0.12.4 (with patched qt)
   A 2
This was referenced Jul 19, 2018
    Doesn't load external javascript in header #3686
    how to make wkhtmltopdf support the canvas of html5 with ChartJS #3654
This was referenced Aug 9, 2018
    Unable to figure out why chart is not rendering in the image. #3815
                                                                                 Œ
    Websites rendered with JavaScript or Chart.js, PDFs comes Blank #3810
    wkhtmltopdf is not reading javascript (Django) #3723
                                                                      Closed
    Not rendering d3 charts. #3637
                                                               ®
                                                             Closed
This was referenced Oct 9, 2018
    [Question] Does wkhtmltopdf 0.12.5 support Angular 6? #4118
    Error "libpng warning: iCCP: known incorrect sRGB profile" and
    "Segmentation fault" with phpwkhtmltopdf ubuntu server #3702
mauriciojaramillo commented Oct 25, 2018 • edited -
Hi all
I solved the problem converting the canvas TAG to IMG TAG with this expression:
'< img src="' + document.getElementById('canvas').toDataURL() + "'>'
And voila, all works fine; the PDF document show the chartjs graph included.
I hope this help to others to solve the problem.
   A 1
gregallensworth commented Oct 25, 2018
@panovek Your Function.prototype.bind patch worked for me, an immediate fix for this old platform.
Thank you!
Situation: Static Linux build of 0.12.3 with QT patch. Using wkhtmltoimage to render a Google Maps map
```



WitnessMee commented Jan 30, 2019

**

For me the render only worked correctly when I used wkhtmltopdf version 0.12.2.1. Version 0.12.4.1 did not work correctly with chart.js.

Chart.js version had to be 2.6.0. Did not work with version 2.7.0

```
<!DOCTYPE html>
<html>
       <body>
             <script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/2.6.0/Chart.min.js"></script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/2.6.0/Chart.min.js"></script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/2.6.0/Chart.min.js"></script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/2.6.0/Chart.min.js"></script src="https://cdnjs.cloudflare.com/ajax/libs/chart.js/2.6.0/Chart.min.js"></script src="https://cdnjs.cloudflare.com/ajax/libs/chart.js/2.6.0/Chart.min.js"></script src="https://cdnjs.cloudflare.com/ajax/libs/chart.js/2.6.0/Chart.min.js"></script src="https://cdnjs.cloudflare.com/ajax/libs/chart.min.js"></script src="https://cdnjs.com/ajax/libs/chart.min.js"></script src="https://cdnjs.com/ajax/libs/chart.min.js</script src="https://cdnjs.com/ajax/libs/chart.min.js</script src="https://cdnjs.com/ajax/libs/chart.min.js</script src="https:
             <div id="canvas-holder" style="width: 400px; height: 400px;">
                    <canvas id="myChart" width="400" height="400"></canvas>
               </div>
               <script>
                    var barData = {
                            labels: ["January", "February", "March", "April", "May", "June"],
                             datasets: [
                                   {
                                          backgroundColor: "#48A497",
                                          borderColor: "#48A4D1",
                                           data: [456, 479, 324, 569, 702, 600]
                                   }
                    };
                     // get bar chart canvas
                    var ctx = document.getElementById("myChart").getContext("2d");
                     // draw bar chart
                    window.myBar = new Chart(ctx, {
                           type: "bar",
                            data: barData,
                           options: {
                                   responsive: true,
                                   legend: {
                                        position: "top"
                                   }.
                                   title: {
                                        display: true,
                                          text: "Chart.js Bar Chart"
                           }
                    });
              </script>
       </body>
</html>
```



antemalT commented Feb 25, 2019 • edited ▼

Hi

I need to show in pdf a view whith svg and rect bloc, I use laravel snappy but the result in empty, can you help me please?



0888 commented Mar 29, 2019

.

How i fix this problem for c3js and wkhtmltopdf 0.12.2.1:

• Add js code before other javascripts (QtWebKit has problems with Function.prototype.bind):

```
Function.prototype.bind = Function.prototype.bind || function (thisp) {
   var fn = this;
   return function () {
      return fn.apply(thisp, arguments);
   };
};
```

• Set width style for chart div, for example - style="width:950px;"



bobby-brennan referenced this issue Apr 2, 2019

Add script to scrape to PDF #43





nschappl commented May 10, 2019

I wasn't able to get wkhtmltopdf to work for my use-cases either. I had problems with integrating ES6. Also, the javascript delay wasn't useful when you had PDFs getting created with different amount of asynchronously loaded data — sometimes it only takes 1 second but other times it takes 10 seconds, and so it's pretty inefficient to always wait 10 seconds for the PDF to generate.

After burning many hours trying to get wkhtmltopdf to work, I gave up and found a simple microservice for converting HTML (or a URL) to images/pdfs available on Bantam.io. I got the PDF generation I needed there in a couple minutes.

Here are the docs: https://bantam.io/functions/@images/html?link=docs&subLink=0

There are some awesome configs as well like the networkidle0 above which waits for all network connections at the specified URL to stop for half a second before capturing the PDF (e.g. ensuring that data is loaded when the PDF is created without waiting an arbitrarily long period of time).

Maybe this can help some people that are still stuck.



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