

how to Execute PhantomJS from PHP

Get started

I want to execute PhantomJS from PHP on localhost.

Can any body explain how to execute PhantomJS from PHP and what package I should download from phantomjs.org?

javascriptphpphantomjsphp-phantomjs

edited Sep 27 '16 at 11:02

John Slegers

21.5k • 10 • 116 • 102

asked Nov 25 '13 at 20:16

MOB

495 • 2 • 8 • 23

1

packagist.org/packages/jonnyw/php-phantomjs – jszobody Nov 25 '13 at 20:17

stackoverflow.com/questions/10651320/... (google for "phantomjs php" gives lots of good hits, some even at stackoverflow) – Möre Nov 25 '13 at 20:17

i cant run php phantomjs script on my local and it's make some error that i dont know whay they happen ... i test some this script from git – MOB Nov 25 '13 at 20:21

3 Answers

download the PhantomJS binary, upload it somewhere and make it executable (chmod +x)

if you are going to make screenshots, setup fontconfig (this is pretty specific to my config but the goal is to make sure to have at least some fonts on your system)

run the following in PHP:
\$response = exec(`/path/to/phantomjs myscript.js`);

edited Nov 26 '13 at 12:45

Benjy

256 • 2 • 4

1

thnax a lot for answer . im try to use it at localhost in windows 7 and xampp server . how i make it executable? and what package i should to download ? windows or linux version ? – MOB Nov 26 '13 at 19:50

it's work . thnx a lot – MOB Nov 27 '13 at 18:15

For anybody having issues with this solution, by following this answer I managed to successfully call my Phantom script from PHP. – Fisur Mar 20 '15 at 8:18

@Benjy I tried this \$response = exec(`/phantom/phantomjs myscript.js`); exec(`/phantom/bin/phantomjs phantom/examples/hello.js`, \$response); (replace " with normal ticks) echo implode("
", \$response); but nothing at all is echoed, why is this? Everything has proper permissions, and it executes with no issue through SSH – Ethan Feb 20 at 1:48

how to make Phantomjs executable by using chmod +x... i try to run chmod +x command in command prompt but it gives error 'cant open chmod' – Asad Ali Khan Aug 26 at 10:14

There's actually a library called *PHP PhantomJS*, intended to make this easier for you!

PHP PhantomJS is a flexible PHP library to load pages through the PhantomJS headless browser and return the page response. It is handy for testing websites that demand javascript support and also supports screen captures.

[Full documentation](#)

Feature list :

- Load webpages through the PhantomJS headless browser
- View detailed response data including page content, headers, status code etc.
- Handle redirects
- View javascript console errors
- View detailed PhantomJS debugged information
- Save screen captures to local disk
- Set viewport size
- Define screen capture x, y, width and height parameters
- Delay page rendering for a specified time
- Execute PhantomJS with command line options
- Easily build and run custom PhantomJS scripts

Make sure, though, that your version of *PhantomJS* is compatible with your version of *PHP PhantomJS*:

Please Note: Version 4.0 of this library is currently waiting on an unresolved issue with PhantomJS 2.0.

edited Sep 27 '16 at 11:02

John Slegers

21.5k • 10 • 116 • 102

What's the unresolved issue, is it that it's ridiculously slow to open webpages post 1.9? – Ian Chadwick Mar 21 '16 at 10:58

I recently published a project that gives PHP access to a browser. Get it here: <https://github.com/merlinthemagic/MTS>. Under the hood it relies on PhantomJS.

After downloading and setup you would simply use the following code:

```
$myUrl      = "http://www.example.com";
$windowObj  = \MTS\Factories::getDevices()->getLocalHost()->getBrowser('phantomjs')->getNewWindow($myUrl);

//now you can either retrive the DOM and parse it, like this:
$domData    = $windowObj->getDom();

//or take screen shots
$imageData   = $windowObj->screenshot();

//or use the mouse to click buttons:
$windowObj->mouseEventOnElement("[id=searchInput]", 'leftclick');

//or type with the keyboard :
$windowObj->sendKeysPresses("my search words");

//or load and execute custom javascript, fill forms etc, etc.
```

edited May 3 at 14:12

MerlinTheMagic

333 • 2 • 12

