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How do I use python-webkit2png to take many screenshots at the same time?

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I've got thousands of urls from many hosts I need to screenshot.

I can use the lib fine from the command line, but how can I integrate it into my code so I can take multiple screenshots simultaneously?

I think it's something to do with xvfb as with the answer to this question: <http://stackoverflow.com/questions/1747022/how-to-kill-headless-x-server-started-via-python> but I'm not sure what exactly.

python screenshot xserver

edited Apr 30 '10 at 11:46

asked Apr 30 '10 at 11:38



oldfellow

11 • 1 • 3

2 Answers

Probably something like this (untested):

```
from webkit2png import WebkitRenderer, init_qtgui
from PyQt4.QtCore import QTimer

def renderer_func():
    renderer = WebkitRenderer()
    renderer.width = 800
    renderer.height = 600
    renderer.timeout = 10
    renderer.wait = 1
    renderer.format = "png"
    renderer.grabWholeWindow = False

    outfile = open("stackoverflow.png", "w")
    renderer.render_to_file(url="http://stackoverflow.com", file=outfile)
    outfile.close()

app = init_qtgui()
QTimer.singleShot(0, renderer_func)
sys.exit(app.exec_())
```

This was shamelessly ripped off from the [source code of webkit2png.py](#).

answered Apr 30 '10 at 12:02



Tamás

27.6k • 7 • 55 • 91

Thanks, but the part that I am having trouble with is using Xvfb - [oldfellow](#) Apr 30 '10 at 13:09

I used `subprocess` to call `webkit2png` (which was installed through `python-webkit2png`), it worked fine.

```
def scrape_url(url, outpath):
```

```
"""
Requires webkit2png to be on the path
"""
subprocess.call(["webkit2png", "-o", outpath, "-g", "1000", "1260",
                "-t", "30", url])

def scrape_list_urls(list_url_out_name, outdir):
    """
    list_url_out_name is a list of tuples: (url, name)
    where name.png will be the image's name
    """
    count = 0
    for url, name in list_url_out_name:
        print count
        count += 1
        outpath = outdir + name + '.png'
        scrape_url(url, outpath)
```

answered Oct 15 '13 at 7:09



[paljency](#)

930 ● 6 ● 19
