Convert html to pdf using Python/Flask

I want to generate pdf file from html using Python + Flask. To do this, I use xhtml2pdf. Here is my code:

```python
def main():
    pdf = StringIO()
    pdf = create_pdf(render_template('cvTemplate.html', user=user))
    pdf_out = pdf.getvalue()
    response = make_response(pdf_out)
    return response

def create_pdf(pdf_data):
    pdf = StringIO()
    pisa.CreatePDF(StringIO(pdf_data.encode('utf-8')), pdf)
    return pdf
```

In this code file is generating on the fly. BUT! xhtml2pdf doesn't support many styles in CSS, because of this big problem to mark page correctly. I found another instrument(wkhtmltopdf). But when I wrote something like:

```python
pdf = StringIO()
data = render_template('cvTemplate1.html', user=user)
WKhtmlToPdf(data.encode('utf-8'), pdf)
return pdf
```

Was raised error:

```
AttributeError: 'cStringIO.StringO' object has no attribute 'rfind'
```

And my question is how to convert html to pdf using wkhtmltopdf (with generating file on the fly) in Flask?

Thanks in advance for your answers.

`python` `pdf` `flask` `wkhtmltopdf` `xhtml2pdf`

asked Jan 27 '15 at 8:00

Dmitry_Mahrachev
61 ● 1 ● 6

2 Answers

The page need render, You can use pdfkit:

https://pypi.python.org/pypi/pdfkit

https://github.com/JazzCore/python-pdfkit

Example in document.

```python
import pdfkit

pdfkit.from_url('http://google.com', 'out.pdf')
pdfkit.from_file('test.html', 'out.pdf')
pdfkit.from_string('Hello!', 'out.pdf')   # Is your requirement?
```

edited Jan 27 '15 at 8:18   answered Jan 27 '15 at 8:06

Tengfei Xu
401 ● 3 ● 16

Ok. This code works fine (excludind troubles with install wkhtmltopdf): rendered_template = render_template('template.html', user=user) rendered_template = rendered_template.encode('utf-8') pdf = pdfkit.from_string(rendered_template, False, css='./static/styles.css') return make_response(pdf) Thanks! –
Dmitry_Mahrachev Jan 28 '15 at 11:22 ✎

Have you tried with Flask-WeasyPrint, which uses WeasyPrint? There are good examples in their web sites so I don't replicate them here.

answered Jan 27 '15 at 12:29

chfw

1,321 ● 2 ● 9 ● 18

The install instructions looked intimidating because of package dependencies but `pip install weasyprint` took care of everything. — JohnMudd Dec 23 '15 at 14:47