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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:

```
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:

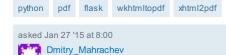
```
pdf = StringIO()
data = render_template('cvTemplate1.html', user=user)
WKhtmlToPdf(data.encode('utf-8'), pdf)
return pdf
```

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.



2 Answers

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The page need render, You can use pdfkit:

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

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

Example in document.

```
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
```

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 A

401 • 3 • 16

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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



The install instructions looked intimidating because of package dependencies but $\mbox{\tt pip}$ install weasyprint took care of everything. – JohnMudd Dec 23 '15 at 14:47