

Generating Reports with Python

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ABSTRACT

This is a simple example document that illustrates how to put together a basic PDF with a chart. I used the PLATYPUS library, which is part of ReportLab, and the charting capabilities built into ReportLab.

Basic code to produce output

This is a snippet of code. It's an example using the Preformatted flowable object, which makes it easy to put code into your documents. Enjoy!

```
def header(txt, style=HeaderStyle, klass=Paragraph, sep=0.3):
    s = Spacer(0.2*inch, sep*inch)
    para = klass(txt, style)
    sect = [s, para]
    result = KeepTogether(sect)
    return result

def p(txt):
    return header(txt, style=ParaStyle, sep=0.1)

def pre(txt):
    s = Spacer(0.1*inch, 0.1*inch)
    p = Preformatted(txt, PreStyle)
    precomps = [s,p]
    result = KeepTogether(precomps)
    return result

def go():
    doc = SimpleDocTemplate('gfe.pdf')
    doc.build(Elements)
```