

How to read and write PDF files in Python language?

VeryUtils PythonPDF Library is a Python library and utility that reads and writes PDF files. PythonPDF Library is tested and works on Python 2.6, 2.7, 3.3, 3.4, 3.5, 3.6, 3.8 and later versions.

How to **Work on** **PDF Files** + **Using Python Script**

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PythonPDF Library has following highlight features:

- * Support operations include subsetting, merging, rotating, modifying metadata, etc.
- * The fastest pure Python PDF parser library.
- * Has been used for years by a printer in pre-press production.
- * Can be used with rst2pdf to faithfully reproduce vector images.
- * Can be used either standalone, or in conjunction with reportlab to reuse existing PDFs in new ones.
- * PythonPDF Library will faithfully reproduce vector formats without rasterization.

PythonPDF Library can also be used in conjunction with reportlab, in order to re-use portions of existing PDFs in new PDFs created with reportlab.

PythonPDF Library can be purchased from this web page,

<https://veryutils.com/pythonpdf-library-source-code>

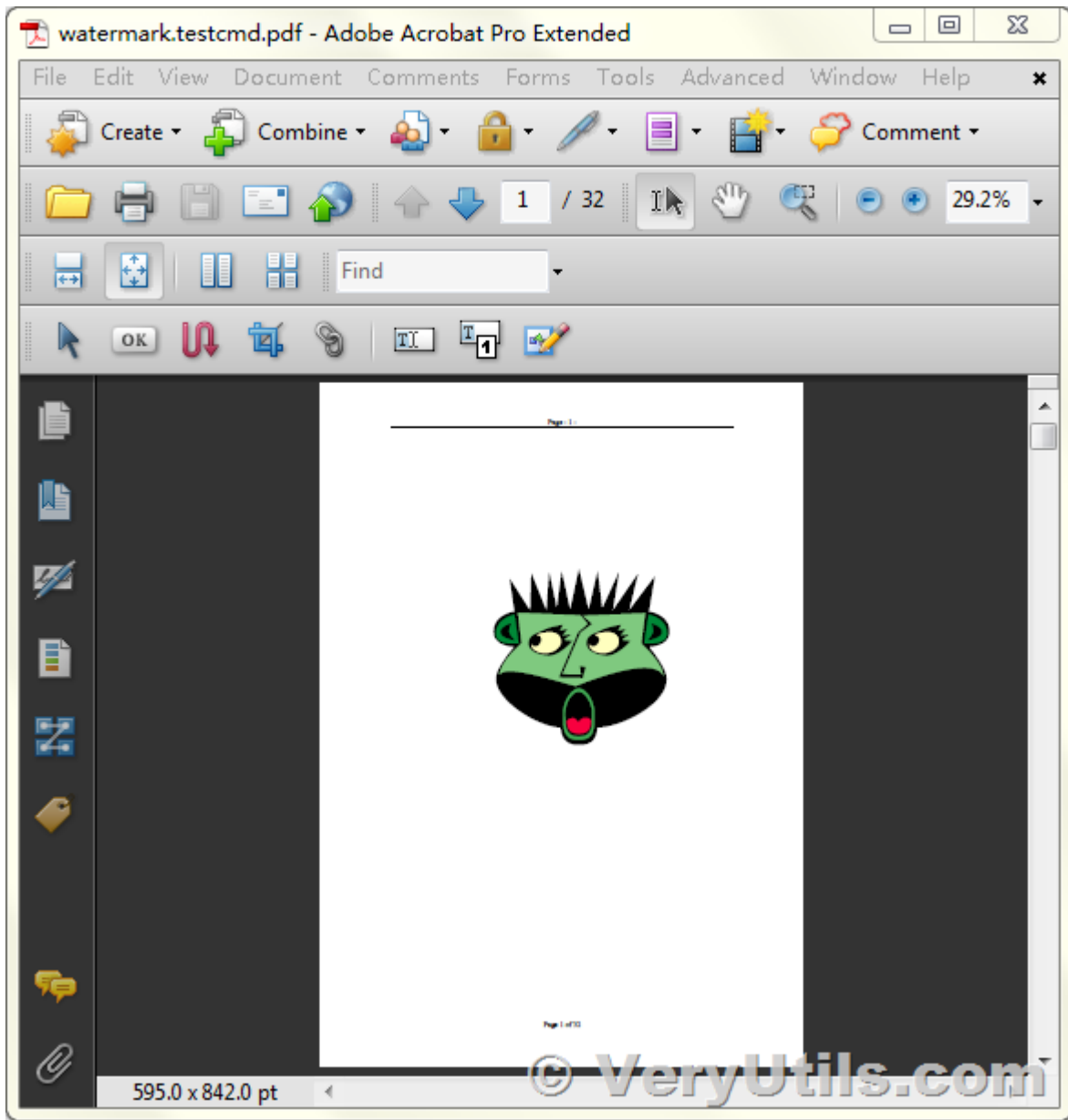
You will get a package after you purchase it, please download it and unzip it to a folder, such as, you may unzip it to "D:\downloads\python-pdfwr" folder, you need also set "PYTHONPATH" to the main folder PythonPDF Library, for example,

```
set PYTHONPATH=D:\downloads\python-pdfwr
```

after you set the path to "PYTHONPATH", please run following command line to test watermark function using PythonPDF Library,

```
python watermark.py testcmd.pdf watermark.pdf
```

Here is the screenshot of watermarked PDF file,



watermark.py contains following Python Source Code,

```
-----  
import sys  
import os  
  
from pdfw import PdfReader, PdfWriter, PageMerge
```

```
argv = sys.argv[1:]
underneath = '-u' in argv
if underneath:
    del argv[argv.index('-u')]
inpf, wmarkfn = argv
outfn = 'watermark.' + os.path.basename(inpf)
wmark = PageMerge().add(PdfReader(wmarkfn).pages[0])[0]
trailer = PdfReader(inpf)
for page in trailer.pages:
    PageMerge(page).add(wmark, prepend=underneath).render()
PdfWriter(outfn, trailer=trailer).write()
```

Other Example programs:

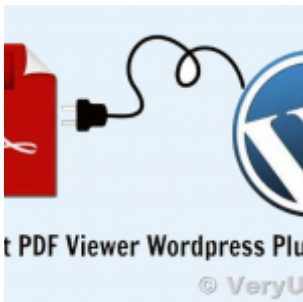
- * 4up.py -- Prints pages four-up
- * alter.py -- Simple example of making a very slight modification to a PDF.
- * booklet.py -- Converts a PDF into a booklet.
- * cat.py -- Concatenates multiple PDFs, adds metadata.
- * poster.py -- Changes the size of a PDF to create a poster
- * print_two.py -- this is used when printing two cut-down copies on a single sheet of paper (double-sided) Requires uncompressed PDF.
- * rotate.py -- This will rotate selected ranges of pages within a document.
- * subset.py -- This will retrieve a subset of pages from a document.
- * watermark.py -- Adds a watermark to a PDF

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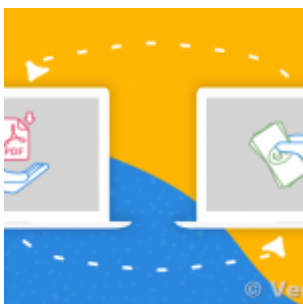
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