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# PyPDF2 2.1.0




Latest version

`pip install PyPDF2` 

Released: Jun 6, 2022

A pure-python PDF library capable of splitting, merging, cropping, and transforming PDF files

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## Project description

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## PyPDF2

PyPDF2 is a free and open-source pure-python PDF library capable of splitting, [merging](#), [cropping](#), and [transforming](#) the pages of PDF files. It can also add custom data, viewing options, and [passwords](#) to PDF files. PyPDF2 can [retrieve text](#) and [metadata](#) from PDFs as well.

## Installation

You can install PyPDF2 via pip:

```
pip install PyPDF2
```

## Statistics

GitHub statistics:

★ Stars: 4,391

🔗 Forks: 1,080

📢 Open  
issues/PRs: 219

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## Meta

**License:** BSD License  
(BSD-3-Clause)

**Author:** [Mathieu](#)  
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**Maintainer:** [Martin](#)  
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**Requires:** Python >=3.6

## Maintainers



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## Usage

```
from PyPDF2 import PdfReader

reader = PdfReader("example.pdf")
number_of_pages = len(reader.pages)
page = reader.pages[0]
text = page.extract_text()
```

PyPDF2 can do a lot more, e.g. splitting, merging, reading and creating  
annotations, decrypting and encrypting, and more.

Please see [the documentation](#) and [Scripts](#) for more usage examples!

A lot of questions are asked and answered [on StackOverflow](#).

## Contributions

Maintaining PyPDF2 is a collaborative effort. You can support PyPDF2  
by writing documentation, helping to narrow down issues, and adding  
code.

## Q&A

The experience PyPDF2 users have covers the whole range from  
beginners who want to make their life easier to experts who developed  
software before PDF existed. You can contribute to the PyPDF2  
community by answering questions on [StackOverflow](#), helping in  
[discussions](#), and asking users who report issues for [MCVE's](#) (Code +  
example PDF!).

## Issues

A good bug ticket includes a MCVE - a minimal complete verifiable  
example. For PyPDF2, this means that you must upload a PDF that  
causes the bug to occur as well as the code you're executing with all of  
the output. Use `print(PyPDF2.__version__)` to tell us which version  
you're using.

## Classifiers

### Development Status

- 5 - [Production/Stable](#)

### Intended Audience

- [Developers](#)

### License

- [OSI Approved :: BSD License](#)

### Operating System

- [OS Independent](#)

### Programming Language

#### Language

- [Python :: 3](#)
- [Python :: 3.6](#)
- [Python :: 3.7](#)
- [Python :: 3.8](#)
- [Python :: 3.9](#)
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### Topic

- [Software Development :: Libraries :: Python Modules](#)

### Typing

- [Typed](#)



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## Code

All code contributions are welcome, but smaller ones have a better chance to get included in a timely manner. Adding unit tests for new features or test cases for bugs you've fixed help us to ensure that the Pull Request (PR) is fine.

PyPDF2 includes a test suite which can be executed with `pytest`:




```
$ pytest
===== test session starts =====
platform linux -- Python 3.6.15, pytest-7.0.1, pluggy-1.0.0
rootdir: /home/moose/Github/Martin/PyPDF2
plugins: cov-3.0.0
collected 233 items

tests/test_basic_features.py ..
tests/test_constants.py .
tests/test_filters.py .....x.....
tests/test_generic.py .....
.....
tests/test_javascript.py ..
tests/test_merger.py .
tests/test_page.py .....
tests/test_pagerange.py .....
tests/test_papersizes.py .....
tests/test_reader.py .....
.....
tests/test_utils.py .....
tests/test_workflows.py .....
tests/test_writer.py .....
tests/test_xmp.py ...




===== 232 passed, 1 xfailed, 1 warning in 4.52s =====
```






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