# CatPandoc

Cat multiple documents to the terminal. The continuation of CatMD

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## Features

### Document Compatability

Lightweight markup formats

* Markdown (including CommonMark and GitHub-flavored Markdown)
* reStructuredText
* Emacs Org-Mode
* Emacs Muse
* Textile
* txt2tags

HTML formats

* (X)HTML 4
* HTML5

Ebooks

* EPUB version 2 or 3
* FictionBook2

Documentation formats

* Haddock markup

Roff formats

* roff man

TeX formats

* LaTeX

XML formats

* DocBook version 4 or 5
* JATS

Outline formats

* OPML

Data formats

* CSV tables

Word processor formats

* Microsoft Word docx
* OpenOffice/LibreOffice ODT

Interactive notebook formats

* Jupyter notebook (ipynb)

Wiki markup formats

* MediaWiki markup
* DokuWiki markup
* TikiWiki markup
* TWiki markup
* Jira wiki markup

### Terminal ‘rendering’

Highlights the following:

* Headers 1-6
* Unordered and ordered lists
* Block quotes
* Bold, Italic, Strikethrough, inline code
* Line Break (br)

Renders the following

* Tables
* Images (uses catimage for this so they can look a bit blurry…)

Higlights code blocks

* Uses pygments for code syntax highlighting

## Roadmap

For completed components, see the changelog (link below)

| Feature | Description | Status |
| --- | --- | --- |
| pandoc2pysimplegui.py | Generate PySimpleGUI widgets | - |

## Use

### CLI

usage: application.py [-h] [--width WIDTH] [--theme THEME] file

### Import

Take a look at test/catcomplex.py for an example of how to use catpandoc in your own project. Or take a look at the example below

import json  
import pypandoc  
from catpandoc import pandoc2ansi, processpandoc  
  
output = json.loads(pypandoc.convert\_file("cheatsheet.md", 'json'))  
for block in output["blocks"]:  
 pandoc = pandoc2ansi.Pandoc2Ansi(130, 5, (4, 0, 0))  
 processpandoc.processBlock(block, pandoc)  
 print(pandoc.genOutput())

## Documentation

See the [Docs](/DOCS/) for more information.

## Install With PIP

pip install catpandoc

Head to https://pypi.org/project/catpandoc/ for more info

## Language information

### Built for

This program has been written for Python versions 3.7 - 3.10 and has been tested with both 3.7 and 3.10

## Install Python on Windows

### Chocolatey

choco install python

### Windows - Python.org

To install Python, go to https://www.python.org/downloads/windows/ and download the latest version.

## Install Python on Linux

### Apt

sudo apt install python3.x

### Dnf

sudo dnf install python3.x

## Install Python on MacOS

### Homebrew

brew install python@3.x

### MacOS - Python.org

To install Python, go to https://www.python.org/downloads/macos/ and download the latest version.

## How to run

### Windows

* Module py -3.x -m [module] or [module] (if module installs a script)
* File py -3.x [file] or ./[file]

### Linux/ MacOS

* Module python3.x -m [module] or [module] (if module installs a script)
* File python3.x [file] or ./[file]

## Download Project

### Clone

#### Using The Command Line

1. Press the Clone or download button in the top right
2. Copy the URL (link)
3. Open the command line and change directory to where you wish to clone to
4. Type ‘git clone’ followed by URL in step 2

git clone https://github.com/FHPythonUtils/CatPandoc

More information can be found at https://help.github.com/en/articles/cloning-a-repository

#### Using GitHub Desktop

1. Press the Clone or download button in the top right
2. Click open in desktop
3. Choose the path for where you want and click Clone

More information can be found at https://help.github.com/en/desktop/contributing-to-projects/cloning-a-repository-from-github-to-github-desktop

### Download Zip File

1. Download this GitHub repository
2. Extract the zip archive
3. Copy/ move to the desired location

## Community Files

### Licence

MIT License Copyright (c) FredHappyface (See the [LICENSE](/LICENSE.md) for more information.)

### Changelog

See the [Changelog](/CHANGELOG.md) for more information.

### Code of Conduct

Online communities include people from many backgrounds. The *Project* contributors are committed to providing a friendly, safe and welcoming environment for all. Please see the [Code of Conduct](https://github.com/FHPythonUtils/.github/blob/master/CODE_OF_CONDUCT.md) for more information.

### Contributing

Contributions are welcome, please see the [Contributing Guidelines](https://github.com/FHPythonUtils/.github/blob/master/CONTRIBUTING.md) for more information.

### Security

Thank you for improving the security of the project, please see the [Security Policy](https://github.com/FHPythonUtils/.github/blob/master/SECURITY.md) for more information.

### Support

Thank you for using this project, I hope it is of use to you. Please be aware that those involved with the project often do so for fun along with other commitments (such as work, family, etc). Please see the [Support Policy](https://github.com/FHPythonUtils/.github/blob/master/SUPPORT.md) for more information.

### Rationale

The rationale acts as a guide to various processes regarding projects such as the versioning scheme and the programming styles used. Please see the [Rationale](https://github.com/FHPythonUtils/.github/blob/master/RATIONALE.md) for more information.

## Screenshots

### Desktop

### Themes