
gdoc-down Documentation

Release 0.0.10

Jonathan Karr

Oct 02, 2020

CONTENTS

1	Contents	3
1.1	Installation	3
1.1.1	Prerequisites	3
1.1.2	Latest release From PyPI	3
1.1.3	Latest revision from GitHub	3
1.2	Command line usage	3
1.3	About	4
1.3.1	License	4
1.3.2	Development team	4
1.3.3	Acknowledgements	4
1.3.4	Questions and comments	5

API and command line program to save Google documents, presentations, and worksheets in a local Google Drive / Backup & Sync directory to local files.

gdoc-down supports several formats:

- CSV (.csv)
- EPUB (.epub)
- Excel workbook (.xlsx)
- HTML (.html)
- Image (.png, .jpg, .svg)
- LaTeX (.tex)
- Open Office document (.odt)
- Open Office presentation (.odp)
- Open Office workbook (.ods)
- Plain text file (.txt)
- Portable document format (.pdf)
- Powerpoint presentation (.pptx)
- Rich text document (.rtf)
- TSV (.tsv)
- Word document (.docx)

gdoc-down also has special features for handling .gdoc files that contain LaTeX:

- *gdoc-down* ignores all images. This allows the user to place images inside the Google document for convenience and to use includegraphics to embed images in compile PDF files.
- *gdoc-down* will convert all Google document comments to PDF comments.
- *gdoc-down* ignores all page breaks.

The first time *gdoc-down* is called, *gdoc-down* will request access to the user's Google account. This will create a client.json file in the users home directory (~/.gdoc_down/client.json).

CONTENTS

1.1 Installation

1.1.1 Prerequisites

- Python
- Pip

1.1.2 Latest release From PyPI

Run the following command to install the latest release from PyPI:

```
pip install gdoc_down
```

1.1.3 Latest revision from GitHub

Run the following command to install the latest version from GitHub:

```
pip install git+https://github.com/KarrLab/gdoc_down.git#gdoc_down
```

1.2 Command line usage

```
gdoc-down (sub-commands ...) [options ...] {arguments ...}

Download Google documents to local files in various formats

positional arguments:
  gdoc_file            path to Google document

optional arguments:
  -h, --help            show this help message and exit
  --debug              toggle debug output
  --quiet              suppress all output
  --format FORMAT, -f FORMAT
                        output format (docx, html, odft, pdf, rtf, tex, txt)
  --out_path OUT_PATH, -o OUT_PATH
                        path where Google document should be downloaded
```

(continues on next page)

(continued from previous page)

```
--extension EXTENSION, -e EXTENSION
      output extension
```

Examples:

```
gdoc-down -f docx /path/to/Google \Drive/file.gdoc
gdoc-down -f pptx /path/to/Google \Drive/file.gslides
gdoc-down -f xlsx /path/to/Google \Drive/file.gsheet
```

1.3 About

1.3.1 License

The software is released under the MIT license

The MIT License (MIT)

Copyright (c) 2016 Karr Lab

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.3.2 Development team

This package was developed by the [Karr Lab](#) at the Icahn School of Medicine at Mount Sinai in New York, USA.

1.3.3 Acknowledgements

This work was supported by a National Institute of Health MIRA award [grant number 1 R35 GM 119771-01].

1.3.4 Questions and comments

Please contact the [Karr Lab](#) with any questions or comments.