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# **py2latex**

***Release 0.0.6***

**Dominic Davis-Foster**

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**Create LaTeX documents with Python, Markdown and Jinja2.**

Docs	
Tests	
PyPI	
Activity	
Other	

from PyPI

```
$ pip install py2latex
```

from GitHub

```
$ pip install git+https://github.com/domdfcoding/py2latex@master
```



## API REFERENCE

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### 1.1 `latex_tools.__init__`

### 1.2 `latex_tools.core`

### 1.3 `latex_tools.formatting`

### 1.4 `latex_tools.tables`





## DOWNLOADING SOURCE CODE

The `py2latex` source code resides on publicly accessible GitHub servers, and can be accessed from the following URL: <https://github.com/domdfcoding/py2latex>

If you have `git` installed, you can clone the repository with the following command:

```
$ git clone https://github.com/domdfcoding/py2latex"  
> Cloning into 'py2latex'...  
> remote: Enumerating objects: 47, done.  
> remote: Counting objects: 100% (47/47), done.  
> remote: Compressing objects: 100% (41/41), done.  
> remote: Total 173 (delta 16), reused 17 (delta 6), pack-reused 126  
> Receiving objects: 100% (173/173), 126.56 KiB | 678.00 KiB/s, done.  
> Resolving deltas: 100% (66/66), done.
```

Alternatively, the code can be downloaded in a ‘zip’ file by clicking:

*Clone or download → Download Zip*

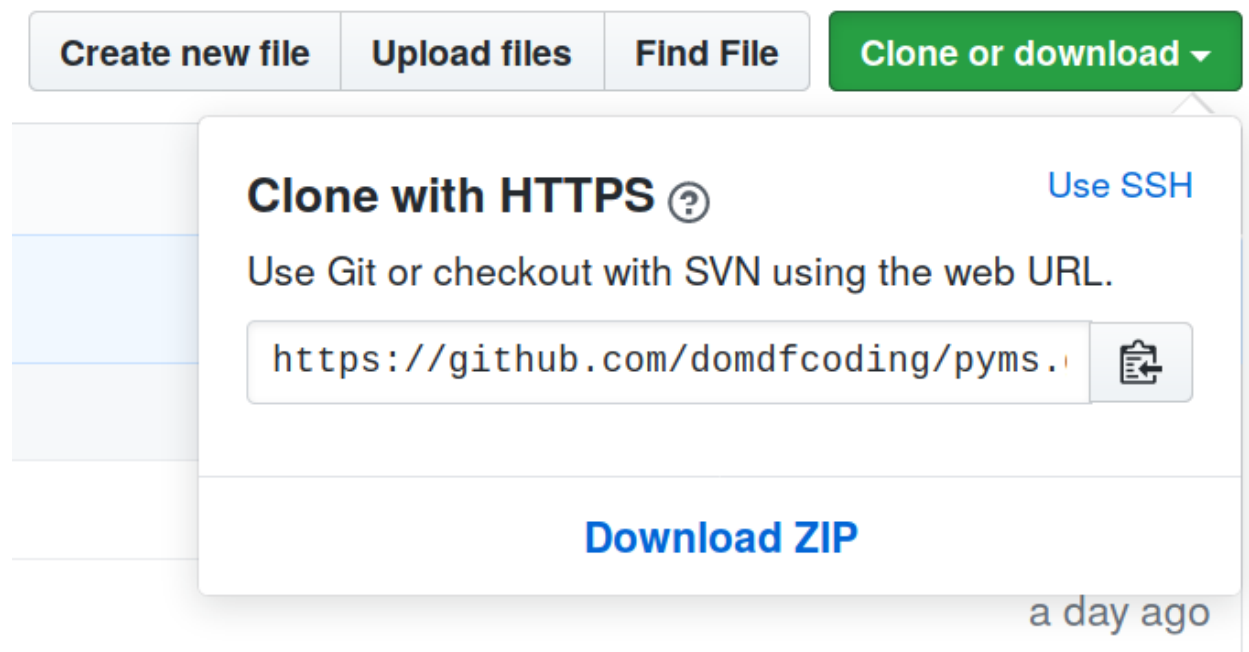


Fig. 1: Downloading a 'zip' file of the source code

## BUILDING FROM SOURCE

To build the py2latex package from source using setuptools, run the following command:

```
$ python3 setup.py sdist bdist_wheel
```

setuptools is configured using the file `setup.py`.

Different formats are available for built distributions

Format	Description	Notes
gztar	gzipped tar file (.tar.gz)	default on Unix
bztar	bzipped tar file (.tar.bz2)	
xztar	bzipped tar file (.tar.bz2)	
tar	tar file (.tar)	
zip	zip file (.zip)	default on Windows
wininst	self-extracting ZIP file for Windows	
msi	Microsoft Installer	

### setup.py

```
1  #!/usr/bin/env python
2  # This file is managed by 'git_helper'. Don't edit it directly
3  """Setup script"""
4
5  # 3rd party
6  from setuptools import find_packages, setup
7
8  # this package
9  from __pkginfo__ import * # pylint: disable=wildcard-import
10
11
12
13  setup(
14      author=author,
15      author_email=author_email,
16      classifiers=classifiers,
17      description=short_desc,
18      entry_points=entry_points,
19      extras_require=extras_require,
```

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```

20         include_package_data=True,
21         install_requires=install_requires,
22         license=__license__,
23         long_description=long_description,
24         name=pypi_name,
25         packages=find_packages(exclude=("tests", "doc-source")),
26         project_urls=project_urls,
27         py_modules=py_modules,
28         python_requires=">=3.6",
29         url=web,
30         version=__version__,
31         keywords=keywords,
32         zip_safe=False,
33
34     )

```

**\_\_pkginfo\_\_.py**

```

1  # This file is managed by `git_helper`. Don't edit it directly
2  # Copyright (C) 2020 Dominic Davis-Foster <dominic@davis-foster.co.uk>
3  #
4  # This file is distributed under the same license terms as the program it came with.
5  # There will probably be a file called LICEN[S/C]E in the same directory as this_
   ↳ file.
6  #
7  # In any case, this program is distributed in the hope that it will be useful,
8  # but WITHOUT ANY WARRANTY; without even the implied warranty of
9  # MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
10 #
11 # This script based on https://github.com/rocky/python-uncompyle6/blob/master/___
   ↳ pkginfo__.py
12 #
13
14 # stdlib
15 import pathlib
16
17 __all__ = [
18     "__copyright__",
19     "__version__",
20     "modname",
21     "pypi_name",
22     "py_modules",
23     "entry_points",
24     "__license__",
25     "__author__",
26     "short_desc",
27     "author",
28     "author_email",
29     "github_username",
30     "web",
31     "github_url",
32     "project_urls",
33     "repo_root",
34     "long_description",
35     "install_requires",
36     "extras_require",
37     "classifiers",

```

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```

38         "keywords",
39         "import_name",
40     ]
41
42     __copyright__ = """
43 2020 Dominic Davis-Foster <dominic@davis-foster.co.uk>
44 """
45
46     __version__ = "0.0.6"
47
48     modname = "py2latex"
49     pypi_name = "py2latex"
50     import_name = "py2latex"
51     py_modules = []
52     entry_points = {
53         "console_scripts": []
54     }
55
56     __license__ = "GNU Lesser General Public License v3 or later (LGPLv3+)"
57
58     short_desc = "Create LaTeX documents with Python, Markdown and Jinja2."
59
60     __author__ = author = "Dominic Davis-Foster"
61     author_email = "dominic@davis-foster.co.uk"
62     github_username = "domdfcoding"
63     web = github_url = f"https://github.com/domdfcoding/py2latex"
64     project_urls = {
65         "Documentation": f"https://py2latex.readthedocs.io",
66         "Issue Tracker": f"{github_url}/issues",
67         "Source Code": github_url,
68     }
69
70     repo_root = pathlib.Path(__file__).parent
71
72     # Get info from files; set: long_description
73     long_description = (repo_root / "README.rst").read_text(encoding="utf-8").replace("0.
74 ↪0.6", __version__) + '\n'
75
76     install_requires = (repo_root / "requirements.txt").read_text(encoding="utf-8").split(
77 ↪'\n')
78     extras_require = {'all': []}
79
80     classifiers = [
81         'Development Status :: 3 - Alpha',
82         'Intended Audience :: Developers',
83         'Operating System :: OS Independent',
84         'Topic :: Utilities',
85         'Programming Language :: Python :: 3.6',
86         'Programming Language :: Python :: Implementation :: CPython',
87         'Programming Language :: Python :: 3.7',
88         'Programming Language :: Python :: 3.8',
89         'Programming Language :: Python',
90         'Programming Language :: Python :: 3 :: Only',
91         'License :: OSI Approved :: GNU Lesser General Public License v3 or_
92 ↪later (LGPLv3+)',

```

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```
92  
93 keywords = " "
```

View the Function Index or browse the [Source Code](#).

[Browse the GitHub Repository](#)