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# **highlight**

***Release 0.2.0***

**Highlight text on the command line.**

**Dominic Davis-Foster**

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## Installation

### 1.1 from PyPI

```
$ python3 -m pip install highlight --user
```

### 1.2 from GitHub

```
$ python3 -m pip install git+https://github.com/domdfcoding/highlight@master --user
```



## highlight

Print the content of FILE with syntax highlighting.

With no FILE, or when FILE is -, read standard input.

```
highlight [OPTIONS] [FILE]
```

### Options

- m, --mime** <mime>  
The MIME type to use for highlighting.
- l, --lexer** <lexer>  
The Pygments lexer to use for highlighting.
- T, --show-tabs**  
Display TAB characters as ^I.
- E, --show-ends**  
Display \$ at the end of each line.
- n, --number**  
Number all output lines.
- D, --debug**  
Print the lexer name to stderr.
- version**  
Show the version and exit.

### Arguments

**FILE**  
Optional argument. Default None

### Notes

- `--lexer` and `--mime` are mutually exclusive.
- If no `--lexer` or `--mime` option is given, the lexer is determined from FILE. If reading from standard input, or if the file extension is unknown, the lexer is determined by examining the file's contents.
- If the `--mime` option is given but no lexer can be found for that mime type the mime type is ignored.
- See <https://pygments.org/docs/lexers/> for a list of available lexers.

## 2.1 Examples

**Highlight a Python source code file.**

```
highlight code.py
```

**Highlight a Ruby source code file with the `RubyConsoleLexer`.**

```
highlight code.rb --lexer rbcon
```

**Highlight a Rust source code file with line numbers.**

```
highlight main.rs --number
```



## Contributing

highlight uses `tox` to automate testing and packaging, and `pre-commit` to maintain code quality.

Install `pre-commit` with `pip` and install the git hook:

```
$ python -m pip install pre-commit
$ pre-commit install
```

### 3.1 Coding style

`formate` is used for code formatting.

It can be run manually via `pre-commit`:

```
$ pre-commit run formate -a
```

Or, to run the complete autoformatting suite:

```
$ pre-commit run -a
```

### 3.2 Automated tests

Tests are run with `tox` and `pytest`. To run tests for a specific Python version, such as Python 3.6:

```
$ tox -e py36
```

To run tests for all Python versions, simply run:

```
$ tox
```

### 3.3 Type Annotations

Type annotations are checked using `mypy`. Run `mypy` using `tox`:

```
$ tox -e mypy
```

## 3.4 Build documentation locally

The documentation is powered by Sphinx. A local copy of the documentation can be built with `tox`:

```
$ tox -e docs
```

## Downloading source code

The highlight source code is available on GitHub, and can be accessed from the following URL: <https://github.com/domdfcoding/highlight>

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

```
$ git clone https://github.com/domdfcoding/highlight
```

```
Cloning into 'highlight'...
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*

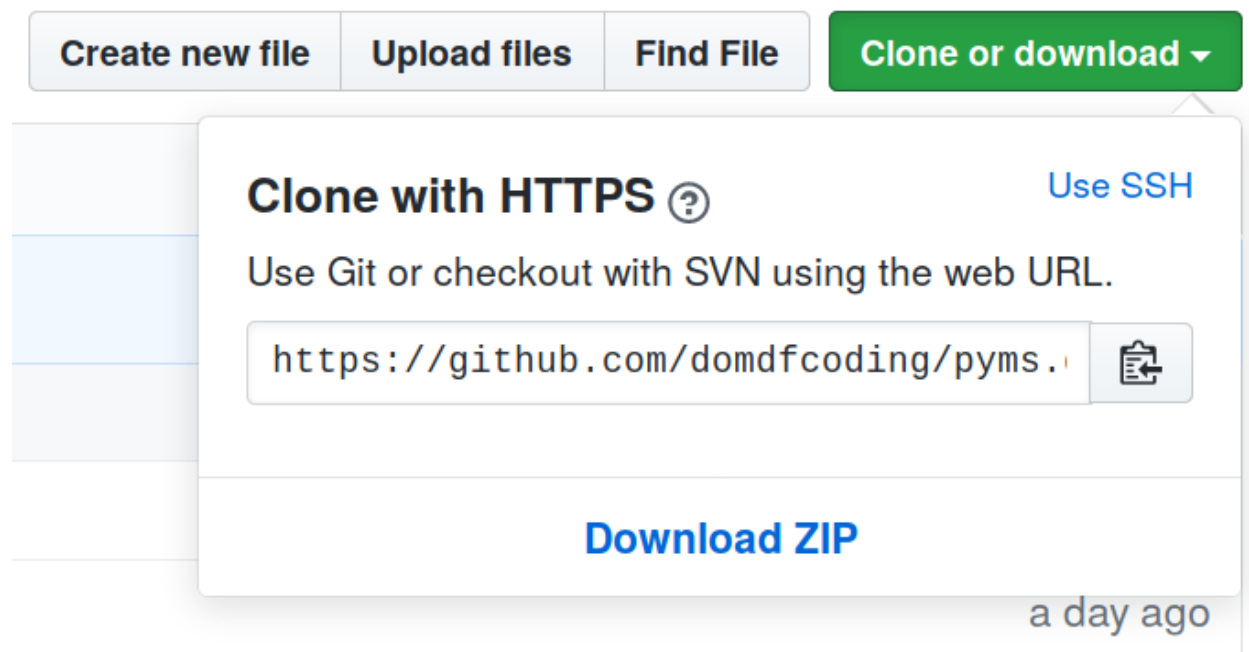


Fig. 1: Downloading a ‘zip’ file of the source code

## 4.1 Building from source

The recommended way to build `highlight` is to use `tox`:

```
$ tox -e build
```

The source and wheel distributions will be in the directory `dist`.

If you wish, you may also use `pep517.build` or another **PEP 517**-compatible build tool.

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```
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```

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