

---

# **eml2png Documentation**

*Release unknown*

**poipoi**

**Jul 02, 2019**



---

# Contents

---

<b>1</b>	<b>Contents</b>	<b>3</b>
1.1	License . . . . .	3
1.2	Contributors . . . . .	3
1.3	Changelog . . . . .	3
1.4	eml2png . . . . .	4
<b>2</b>	<b>Indices and tables</b>	<b>7</b>
	<b>Python Module Index</b>	<b>9</b>
	<b>Index</b>	<b>11</b>



This is the documentation of **eml2png**.



## 1.1 License

MIT License

Copyright (c) 2019 poipoi

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.

## 1.2 Contributors

- poipoi <earth.sama@gmail.com>

## 1.3 Changelog

### 1.3.1 Version 0.0.2, 2019-06-21

- Add simple docker server.

- Add `eml_str` arg into `get_html_str_from_file`.
- Add `imgkit` args into `to_png`.

### 1.3.2 Version 0.0.1, 2019-06-19

- Initial

## 1.4 eml2png

### 1.4.1 eml2png package

#### Submodules

#### eml2png.eml2png module

`eml2png.eml2png.get_html_str_from_file` (*file\_path*, *eml\_str=None*)

Get HTML part from EML file.

**Parameters** `file_path` (*[str]*) – Input EML file

**Keyword Arguments** `eml_str` (*[str]*) – EML string (default: None)

**Returns** EML HTML string

**Return type** `[str]`

`eml2png.eml2png.to_png` (*file\_path*, *html\_str=None*, *config=None*, *options=None*)

Paint the EML to a single PNG image.

**Parameters** `file_path` (*[str]*) – EML file path

**Keyword Arguments**

- `html_str` (*[str]*) – EML HTML string (default: None)
- `config` – imgkit config (default: None)
- `options` – imgkit options (default: None)

**Returns** a PNG byte string.

**Return type** `[bytes]`

#### eml2png.skeleton module

This is a skeleton file that can serve as a starting point for a Python console script. To run this script uncomment the following lines in the `[options.entry_points]` section in `setup.cfg`:

```
console_scripts = eml2png = eml2png.skeleton:run
```

Then run `python setup.py install` which will install the command `eml2png` inside your current environment. Besides console scripts, the header (i.e. until `_logger...`) of this file can also be used as template for Python modules.

`eml2png.skeleton.eml_to_png` (*input*, *output=None*)

`eml_to_png` function

**Parameters**



- **input** (*str*) – input EML file
- **output** (*str*) – output PNG file (Default: None)

**Returns** output PNG file path. Return input + '.png' if output is None.

**Return type** *str*

`eml2png.skeleton.main` (*args*)

Main entry point allowing external calls

**Parameters** **args** (*[str]*) – command line parameter list

`eml2png.skeleton.parse_args` (*args*)

Parse command line parameters

**Parameters** **args** (*[str]*) – command line parameters as list of strings

**Returns** command line parameters namespace

**Return type** `argparse.Namespace`

`eml2png.skeleton.run` ()

Entry point for console\_scripts

`eml2png.skeleton.setup_logging` (*loglevel*)

Setup basic logging

**Parameters** **loglevel** (*int*) – minimum loglevel for emitting messages

## Module contents



## CHAPTER 2

---

### Indices and tables

---

- `genindex`
- `modindex`
- `search`



**e**

eml2png, 5  
eml2png.eml2png, 4  
eml2png.skeleton, 4



## E

`eml2png` (*module*), 5  
`eml2png.eml2png` (*module*), 4  
`eml2png.skeleton` (*module*), 4  
`eml_to_png()` (*in module eml2png.skeleton*), 4

## G

`get_html_str_from_file()` (*in module eml2png.eml2png*), 4

## M

`main()` (*in module eml2png.skeleton*), 5

## P

`parse_args()` (*in module eml2png.skeleton*), 5

## R

`run()` (*in module eml2png.skeleton*), 5

## S

`setup_logging()` (*in module eml2png.skeleton*), 5

## T

`to_png()` (*in module eml2png.eml2png*), 4