
PyAC Documentation

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1.1 Installation for developers

It is recommended to install `pyac` in a python virtual environment.

Check <https://virtualenv.pypa.io/en/latest/installation.html>. In Debian:

```
sudo apt install python-virtualenv
```

Create a virtual environment:

```
mkdir ~/.virtualenvs  
virtualenv ~/.virtualenvs/pyacenv  
source ~/.virtualenvs/pyacenv/bin/activate
```

Get the sources:

```
git clone https://github.com/juga0/pyac
```

Install it:

```
pip install -e .
```


An updated command line usage description can be obtained with:

```
autocrypt -h
```

At the time of writing the output is:

usage: autocrypt [-h] [--version] [-d] [-m PGPHOME] [-l] [-n NEWACCOUNT] [-r NEWPEER] [-a] [-g] [-u] [-p PASSPHRASE] [-c] [-f FROMH] [-t TO] [-s SUBJECT] [-b BODY] [-e PE] [-i INPUT] [-o OUTPUT]

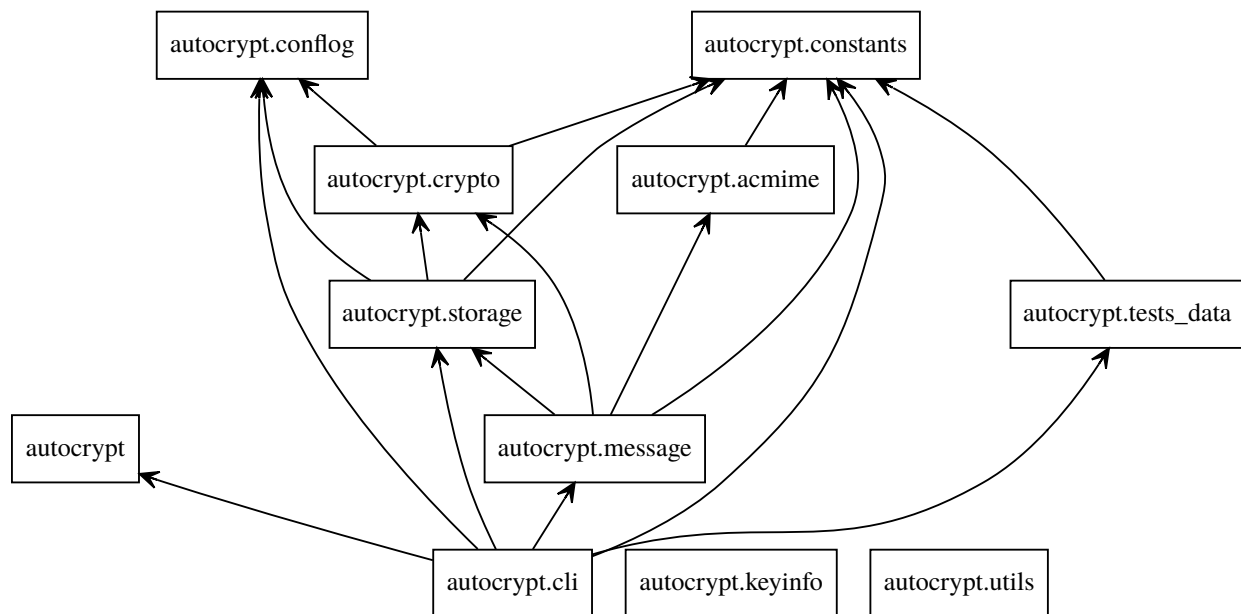
optional arguments:

-h, --help	show this help message and exit
--version	show program's version number and exit
-d, --debug	Set logging level to debug
-m PGPHOME, --pgphome PGPHOME	Path to Autocrypt home, ~/.pyac by default
-l, --list	List account and peers
-n NEWACCOUNT, --newaccount NEWACCOUNT	Email address for the new account. It will also generate new OpenPGP keys.
-r NEWPEER, --newpeer NEWPEER	Email address for the new peer.
-a, --genac	Generate Autocrypt Email. Use -f, -t, -s, -b, or the defaults will be use
-g, --genag	Generate Autocrypt Gossip Email
-u, --genas	Generate Autocrypt Setup Email
-p PASSPHRASE, --passphrase PASSPHRASE	Passphrase to generate an Autocrypt Setup Email
-c, --genasc	Generate Autocrypt Setup Code
-f FROMH, --fromh FROMH	Email sender address and OpenPGP UID

-t TO, --to TO Email recipient addresses separated by comma
-s SUBJECT, --subject SUBJECT Subject for the Autocrypt Email
-b BODY, --body BODY Body for the Autocrypt Email
-e PE, --pe PE prefer-encrypt for the Autocrypt Email
-i INPUT, --input INPUT Path to the Email to parse, by default:
/home/user/_my/code/mailencrypt-related/pyac/tests/data/example-simple-autocrypt- pyac.eml
-o OUTPUT, --output OUTPUT Path to store the Autocrypt Email, by default:
/tmp/output.eml

An useful argument when reporting bugs is `-d`.

3.1 Package diagram



4.1 autocrypt package

4.1.1 autocrypt.acmime module

4.1.2 autocrypt.conflog module

4.1.3 autocrypt.constants module

4.1.4 autocrypt.test_data module

4.1.5 autocrypt.crypto module

4.1.6 autocrypt.message module

CHAPTER 5

TODO

- [] Implement recommendations

CHAPTER 6

Indices and tables

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