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pgAdmin 4 (Python)

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Maintainer: pgAdmin Development Team

A Python package is available for those wishing to run pgAdmin as a web application in a Python environment. Note that the packages do not include the Desktop Runtime.

pgAdmin is available on [PyPi](#). To install it, create a virtual environment as required, and then use pip to install. Note that pgAdmin will run in server mode, using system-wide paths so you may need to create them first:

```
$ sudo mkdir /var/lib/pgadmin
$ sudo mkdir /var/log/pgadmin
$ sudo chown $USER /var/lib/pgadmin
$ sudo chown $USER /var/log/pgadmin
$ python3 -m venv pgadmin4
$ source pgadmin4/bin/activate
(pgadmin4) $ pip install pgadmin4
...
(pgadmin4) $ pgadmin4
NOTE: Configuring authentication for SERVER mode.


Enter the email address and password to use for the initial pgAdmin user account:

Email address: user@domain.com
Password:
Retype password:
Starting pgAdmin 4. Please navigate to http://127.0.0.1:5050 in your browser.
* Serving Flask app "pgadmin" (lazy loading)
* Environment: production
  WARNING: Do not use the development server in a production environment.
  Use a production WSGI server instead.
* Debug mode: off
```

Manual installation with a Python Wheel package

To install, download the wheel and install with a command such as `pip install https://ftp.postgresql.org/pub/pgadmin/pgadmin4/v4.29/pip/pgadmin4-4.29-py3-none-any.whl` or `pip install ./pgadmin4-4.29-py3-none-any.whl` if you've manually downloaded the file. It is strongly recommended that a Python Virtual Environment is used.

pgAdmin can now be run with a command like `python ~/pgadmin4/lib/python3.8/site-packages/pgadmin4/pgAdmin4.py` (assuming you use a virtual environment at ~/pgadmin4). Finally, point your browser to `http://127.0.0.1:5050`.

-  [pgAdmin 4 v6.7](#) (released March 14, 2022)
-  [pgAdmin 4 v6.6](#) (released March 10, 2022)
-  [pgAdmin 4 v6.5](#) (released Feb. 11, 2022)

Notes

Please see the [online documentation](#) for information on deploying pgAdmin 4 behind a web server.

Nightly snapshot builds generated from the head of the master branch are available [here](#).

The Python packages are signed with a GPG signature for each downloadable file in the corresponding .asc file. The public key for these signatures can be found on OpenPGP keyservers, for example [here](#). The GPG key UID is **Package Manager (Package Signing Key) <packages@pgadmin.org>** and has a fingerprint of **E869 7E2E EF76 C02D 3A63 3277 8881 B2A8 2109 76F2**.

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