

Getting started with pgadmin4

July 4, 2016 / Gavin Jackson

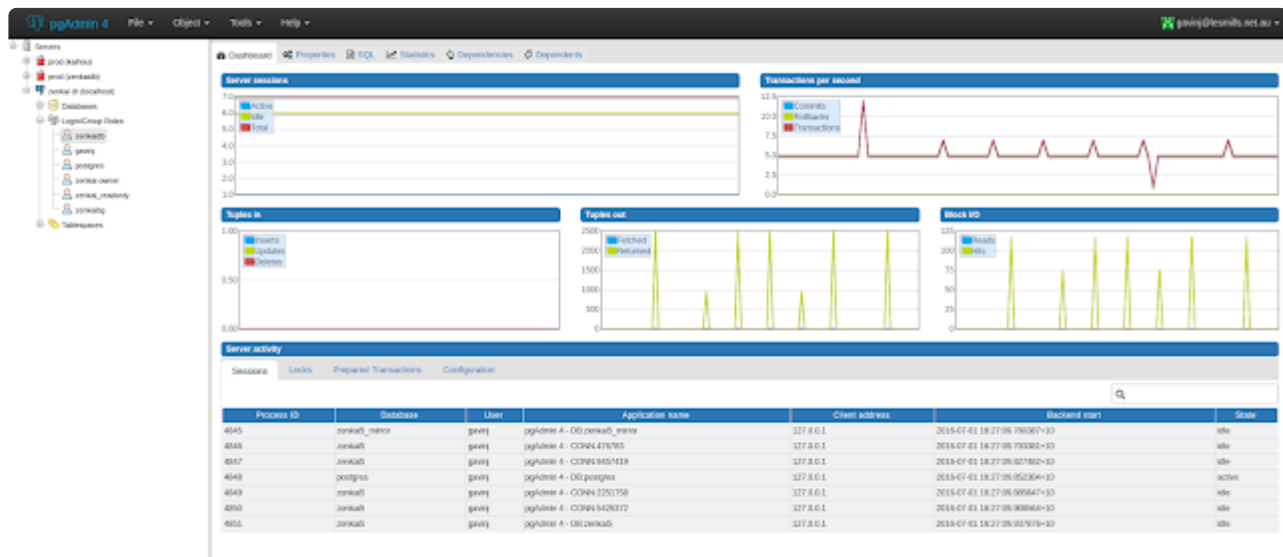
databases

linux

pgadmin4

python

Getting started with pgadmin4



Not sure how many postgres users there are out there - but you may be interested in the latest version of pgadmin (version 4 beta) - this is traditionally a GUI based front end postgresql that provides easy access to manage and explore local and remote postgresql database instances.

The latest iteration is a complete rewrite - it is a web based application written in python flask (using a bootstrap and jquery front end). A native QT wrapper is also available that bundles the python app and basically injects the web interface into the frame.

There is a lot to like about this release - firstly it is web-based meaning you can run it directly on your database server, it provides all of the main features of pgadmin3 - there are a few things missing (like the quick report function for producing html formatted reports - and the ability to quickly insert a record whilst in table mode).

It does introduce sql completion which is kind of handy (just hit ctrl+space and it will provide a list of table or column suggestions). It also has a dashboard view that provides realtime database server metrics.

It also provides tabs - you can write multiple queries in different tabs (allowing you to easily jump between different queries and result sets).

The screenshot shows the pgadmin 4 web interface. On the left is a sidebar with a tree view of database objects. The main panel displays a SQL query: `SELECT * FROM zerkai_steam ORDER BY steamid DESC LIMIT 100`. Below the query editor, a table of data is shown. The table has columns: `steamid`, `item_type`, `item_name`, `steamid_price`, `discount`, `short_description`, `long_description`, `available_for_sale_from`, `last_updated`, `last_updated_by`, and `last_id`. The table contains four rows of data, each representing a different item.

steamid	item_type	item_name	steamid_price	discount	short_description	long_description	available_for_sale_from	last_updated	last_updated_by	last_id
1000000000000000000	Equipment	Levi's 14.5L "Default" Backpack	14.5L "Default" Backpack	100%	Levi's 14.5L "Default" Backpack	Levi's 14.5L "Default" Backpack	2024-09-02	2024-09-02 00:00:00	Levi's	1000000000000000000
1000000000000000000	Equipment	Levi's 14.5L "Default" Backpack	14.5L "Default" Backpack	100%	Levi's 14.5L "Default" Backpack	Levi's 14.5L "Default" Backpack	2024-09-02	2024-09-02 00:00:00	Levi's	1000000000000000000
1000000000000000000	Equipment	Levi's 14.5L "Default" Backpack	14.5L "Default" Backpack	100%	Levi's 14.5L "Default" Backpack	Levi's 14.5L "Default" Backpack	2024-09-02	2024-09-02 00:00:00	Levi's	1000000000000000000
1000000000000000000	Equipment	Levi's 14.5L "Default" Backpack	14.5L "Default" Backpack	100%	Levi's 14.5L "Default" Backpack	Levi's 14.5L "Default" Backpack	2024-09-02	2024-09-02 00:00:00	Levi's	1000000000000000000

Here are some installation (and execution) instructions (python 2 only).

1. Download

Download `pgadmin4-1.0_beta1-py2-none-any.whl` from <https://www.pgadmin.org/download/pip4.php>

2. Install

```
virtualenv ~/bin/virtualenv_pgadmin
```

```
. ~/bin/virtualenv_pgadmin/bin/activate
```

```
pip install ~/Downloads/pgadmin4-1.0b2-py2-none-any.whl
```

```
cd ~/bin/virtualenv_pgadmin/lib/python2.7/site-packages/pgadmin4
```

```
cp config.py config_local.py
```

3. Run!

```
python./pgadmin4.py
```

It will ask you to enter an email address (and password to log in to the webapp).

Hit <http://localhost:5050>

Downloaded from <https://www.gavinj.net/post/getting-started-with-pgadmin4-not-sure>

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