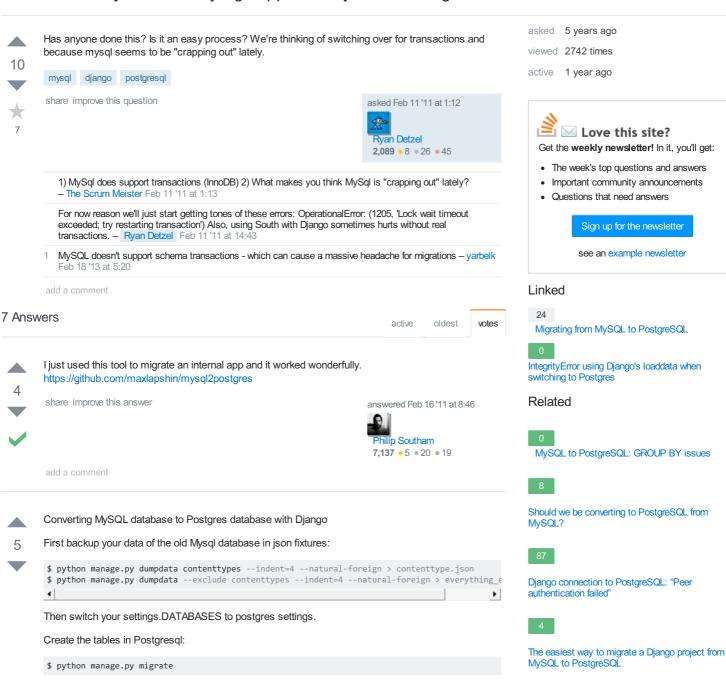


## How can I easily convert a Django app from mySQL to PostgreSQL?

Now delete all the content that is automatically made in the migrate (django contenttypes, usergroups

\$ python manage.py sqlflush | ./manage.py dbshell





How to exit from PostgreSQL command line utility:

926

psql

And now you can safely import everything, and keep your pk's the same!

\$ python manage.py loaddata contenttype.json
\$ python manage.py loaddata everything\_else.json

Tested with Django==1.8

share improve this answer

answered May 8 '15 at 16:53



Michael van de Waeter 354 • 2 • 10

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You can do that using Django serializers to output the data from MySQL's format into JSON and then back into Postgres. There are some good artices on internet about that:

Migrating Django from MySQL to PostgreSQL the Easy Way

Move a Django site to PostgreSQL: check

share improve this answer

answered Jun 15 '12 at 19:26



inigomedina 1,318 • 9 • 19

add a comment



I've never done it personally, but it seems like a combination of the dumpdata and loaddata options of manage.py would be able to solve your problem quite easily. That is, unless you have a lot of database-specific things living outside the ORM such as stored procedures.



share improve this answer

answered Feb 11 '11 at 1:38



**945** • 4 • 14

that work, but sometime there are need truncate all tables just created by syncdb - Levon Feb 18 '13 at 4:27

dump data loads the entire dataset into memoery before serializing it - this is a problem for a large data set. ofbrooklyn.com/2010/07/18/... shows how to chunk this process to avoid crashing your server. — yarbelk Feb 18 '13 at 5:22

add a comment





I've not done it either. I'd first follow this migration guide, there is a MySql section which should take care of all your data. Then django just switch the mysql to postgre in the settings. I think that should be ok.



I found another question on stackoverflow which should help with the converting mysql to postgre here.

share improve this answer

answered Feb 11 '11 at 8:09



**6,984** • 10 • 39 • 65

add a comment



- 1. python manage.py dump.data >> data.json
- 2. Create database and user in postrgesql
- 3. Set your just created database in postrgesql as default database in django settings or use param --database=your\_postrgesql\_database next steps
- 4. Run syncdb for create tables.

python syncdb [--database=your\_postrgesql\_database] --noinput

- 5. Create dump without data, drop all tables and load dump. Or truncate all tables (table django\_content\_type whith data which can be not equals your old data it is way to many errors). At this step we need empty tables in postgresql-db.
- 6. When you have empty tables in postgresql-db just load your data:

python manage.py loaddata data.json

And be fun!

\_\_\_0

Django: trouble with user\_id field of UserProfile after migration from MySQL to PostgreSQL



Project specific: PostgreSQL or MySQL need advice



Bizarre issues with Django 1.8 migrations, custom user model, and Postgres/MySQL

3

Django migrate from MySQL to Postgres

1

Migrating Django project from MySQL to Postgres

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I wrote a Django management command that copies one database to another: https://gist.github.com/mturilin/1ed9763ab4aa98516a7d



You need to add both database in the settings and use this command:

./manage.py copy\_db from\_database to\_database app1 app2 app3 --delete --ignore-errors

What cool about this command is that it recursively copy dependent objects. For example, if the model have 2 foreign keys and two Many-to-Many relationships, it will copy the other objects first to ensure you won't get foreign key violation error.

share improve this answer

answered Apr 30 '14 at 0:10



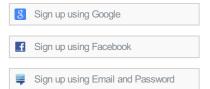
Mikhail Turilin 35 • 6

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### Your Answer

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