Database schema migration is a fact of life and South has imposed itself as the de facto solution within the Django community (at least until Django 1.7). What are Migrations and why do we need them? Migrations are Django's way of propagating changes to your existing database schema (adding new fields.

This is South, intelligent schema and data migrations for Django projects. The latest release is 1.0. Please note that South is now end of lifed in favour.

Andrew is the author of the original schema migration package South and the entire community is forever grateful for the contributions he has given. In the past you probably used South to handle database changes. In general, migrations allow you to manage and work with your database schema. I decided to use South to rename the table, it wasn't really that hard but here are First you need to create an empty schema migration in the django app that has.

Remember that the schema-migration file automatically generated by South is simply a set of instructions detailing how to change the database in order to create. I am trying to get started with South. I had an existing database and I added South (syncdb, schemamigration --initial). Then, I updated models.py to add a field.

This page describes the schema migrations that have taken place over the lifetime of Important: South 1.0 or greater is required to run these migrations. Third-party tools, most notably South, provided support for these additional types others when it comes to schema migrations, some of the caveats are covered. DictionaryField + south schemamigration results in wrong default field value. #57. Closed. lockwooddev opened this Issue on Aug 6, 2014 · 8 comments.

I'm fairly new to Django (1.6) and South,
When googling "django south migration", I came across some diagram mentioning the schemamigrate task. The lead Dev removed the conflicting migrations and runs the schema migration schema migrations managed by South but the system will have Django 1.7 (like with Django South, or 1.7). Likewise, if you want to replay data imports, migrations, on different database schemas, or with various PostgreSQL versions etc. I am trying to get started with South. I had an existing database and I added South (syncdb, schemamigration-initial). Then, I updated models.py to add a field. Resetting a Django app managed by South so I already have the app I'm working on hooked up to South as a way of controlling schema and data migrations. Since that is already the name of the database column, all you need to do is rename the field and create an empty schema migration to update South's frozen. Migrations allow quicker and easier modification of an existing schema. If you previously used South, delete any South migrations, or move them to a new.

Andrew Godwin wrote south, the number one migrations framework for django. The schema backend is relatively simple and straightforward, the migration.

In Rails land, the DB schema is always saved to a file (schema.rb) and kept in the First off, South is indeed lacking in this area, but the new Django migrations. See Schema migrations below. The rest_framework.authtoken app includes both Django native migrations (for Django versions _1.7) and South migrations.

So, the question is, How can I make django migrations (1.7, not south)
for large tables, And yes - pt-online-schema-change will slowly do the migration. Multiple Nested Schema of HBase for Migration from SQL. Full Text Sci., South China Normal Univ., Guangzhou, China, Libo Li, Zijing Li, Qiaoying Lin. This guide will use the excellent South framework to handle the migration. If you are creating an empty schema migration file in myapp/migrations/ named. 40571 Samples. from south.v2 import SchemaMigration from django.db import models class Migration(SchemaMigration):
    def forwards(self, orm):
        # Adding The docs link to django-south though, the 3rd party database migration library that supports schema migrations anymore, so you can just use the --empty argument:

When setting up Jenkins to deploy on your server, generally all you would need to do is include a call to python manage.py migrate in the build script. Django now has built-in support for schema migrations. the South 1.0 release notes for details on how to support South and Django migrations simultaneously. Also you will be told how to manage database schema changes using South migrations. Forms and Views. To show your data or let one create it, you need.