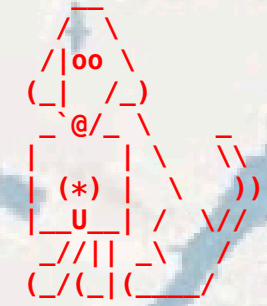


Resurrecting a Django project in Python 2.7 for 3.8

Map of FidoNet BBSs per US continental telephone exchange coordinates in 1993

FIDO
(c) John Mad11



Preamble

- PEP 8: clearly written code helps editing years later
- Tests!
- Docs!

1: Prepare

- python 2.7.5 -> 2.7.18
- pg_dump
- flag tests for speed/coverage
- treebeard 2.0 -> 4.3.1
- taggit 0.12.2 -> 0.24.0

0: Initial State

- Python 2.7.5
- Django 1.7
- django-nose 1.3
- South 1.0.2
- PostgreSQL 9.4
- PostGIS 2.1.5
- django-treebeard 2.0
- django-taggit 0.12.2

2: Minor upgrades

- Add django-pytest 3.9.0
- Add pytest 4.6
- PostgreSQL 9.4 -> 10.13
- PostGIS 2.1.5 -> 2.5.4 (bostongis.com)
- Django 1.7 -> 1.11.29

3: py 2.7 -> 3.8

- [Python porting](#)
- [Django porting](#)
- [Python-Future](#)
- [futures](#)
- pytest 4.6 -> 5.4.3

4: Django 1.11 -> 3.0

- pg_dump (throughout)
- pytest (throughout)
- Remove South
- Django 1.11.29 -> 2.2.13
- [Fix CASCADE and url structure](#)
- Django 2.2.13 -> 3.0.8
- Check [model.save\(\)](#)
- PostgreSQL 10.13 -> 12.3
- PostGIS 2.5.4 -> 3.0.0
- Remove django-nose