



Django Reloaded

Pycaribbean 2018

Febrero 18 | 10:00 a.m.

Pyhex Work, Santo Domingo.





Software Engineer, Dominican Python community co-organizer in Santiago. GNU/Linux and “software libre” lover. Mountain biker on occasion. Self-taught by vocation. I think Python rocks and you can "extend your mind" with Django Web Framework.



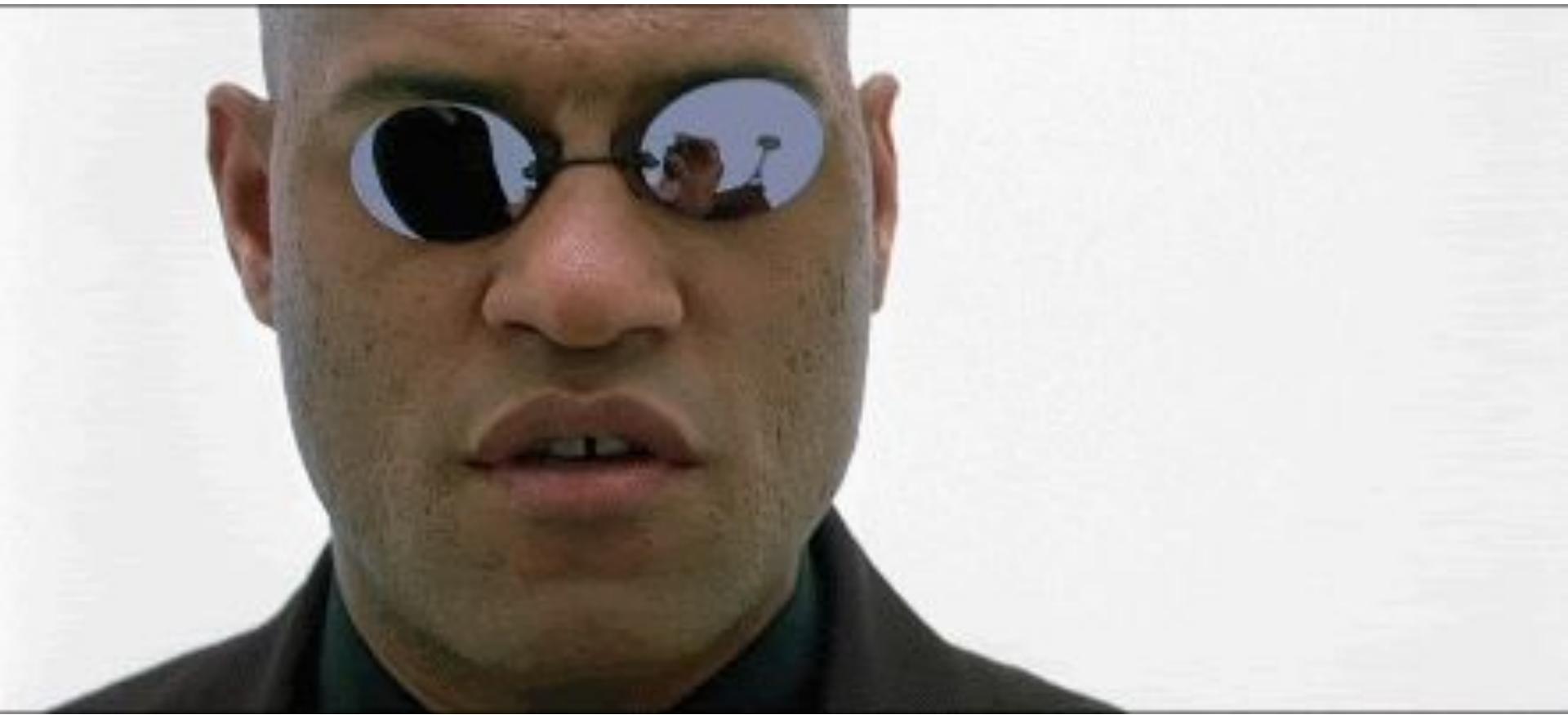
Hi! I'm Emilio Ferreyra!



{% extends "your_mind" %}

With Django Web Framework









Ruby on Rails



Ruby on Rails







MATRIX
RELOADED

MAY 15 2003

LIFE, LIBERTY AND THE PURSUIT OF VENGEANCE

THE NEW FILM BY
QUENTIN TARANTINO

JAMIE
FOXX

CHRISTOPH
WALTZ

LEONARDO
DiCAPRIO

KERRY
WASHINGTON

CARMELO
JACKSON

DJANGO UNCHAINED

MUSIC BY CHRISTOPHER RILEY PARKER

WITH DON JOHNSON AS BIG DADDY

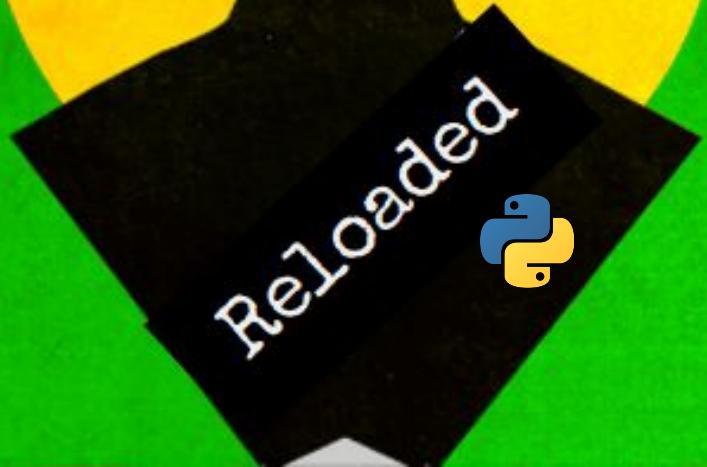
CHRISTMAS DAY

Django



Reloaded

Django



Our Agenda

- 1 Productivity+++
.....
- 2 Two Scoops of Django
.....
- 3 A cup of coffee
.....
- 4 Don't reinvent the wheel
.....



1. Productivity +++

Productivity +++

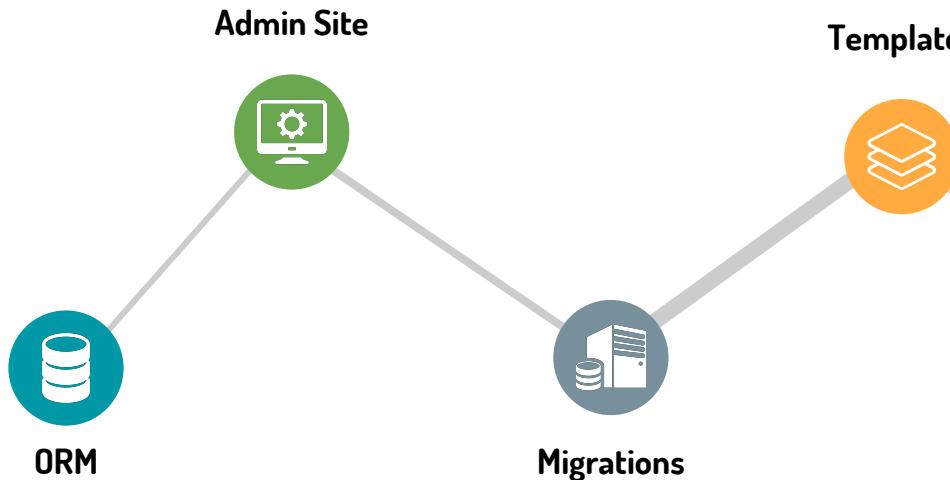
Is Django productive?



Django's primary goal is
create complex
database-driven websites,
easily.

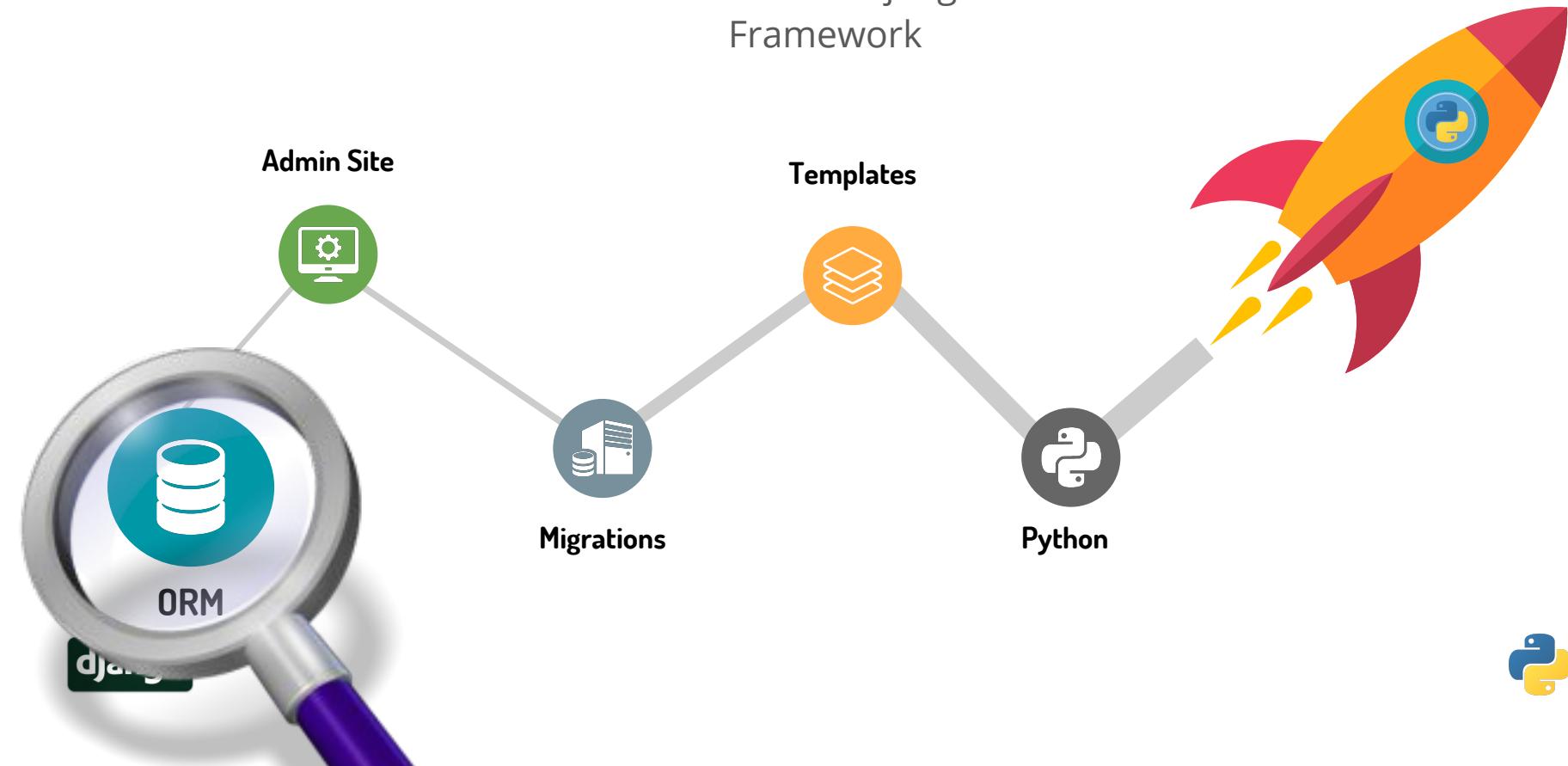
Productivity +++

Five features that make Django a Productive Framework



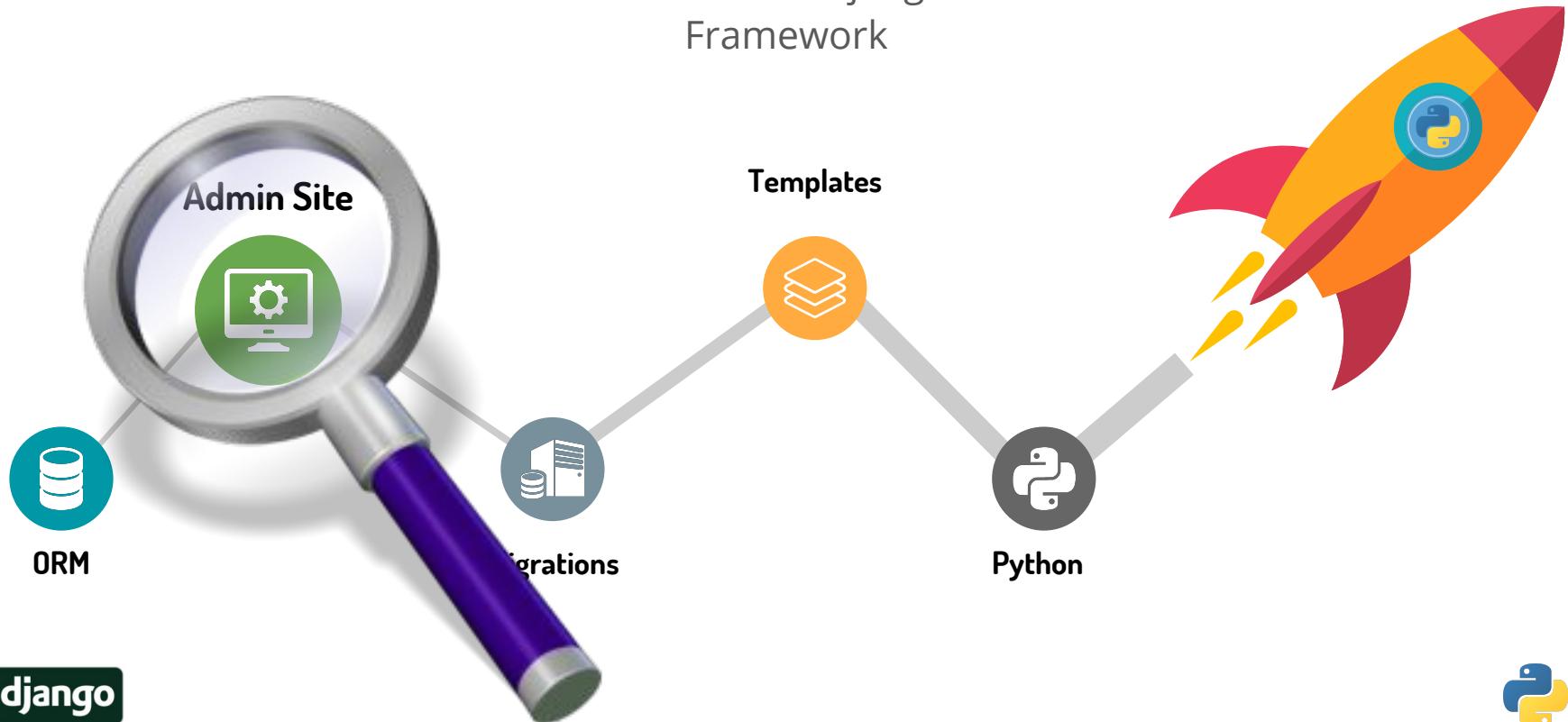
Productivity +++

Five features that make Django a Productive Framework



Productivity +++

Five features that make Django a Productive Framework



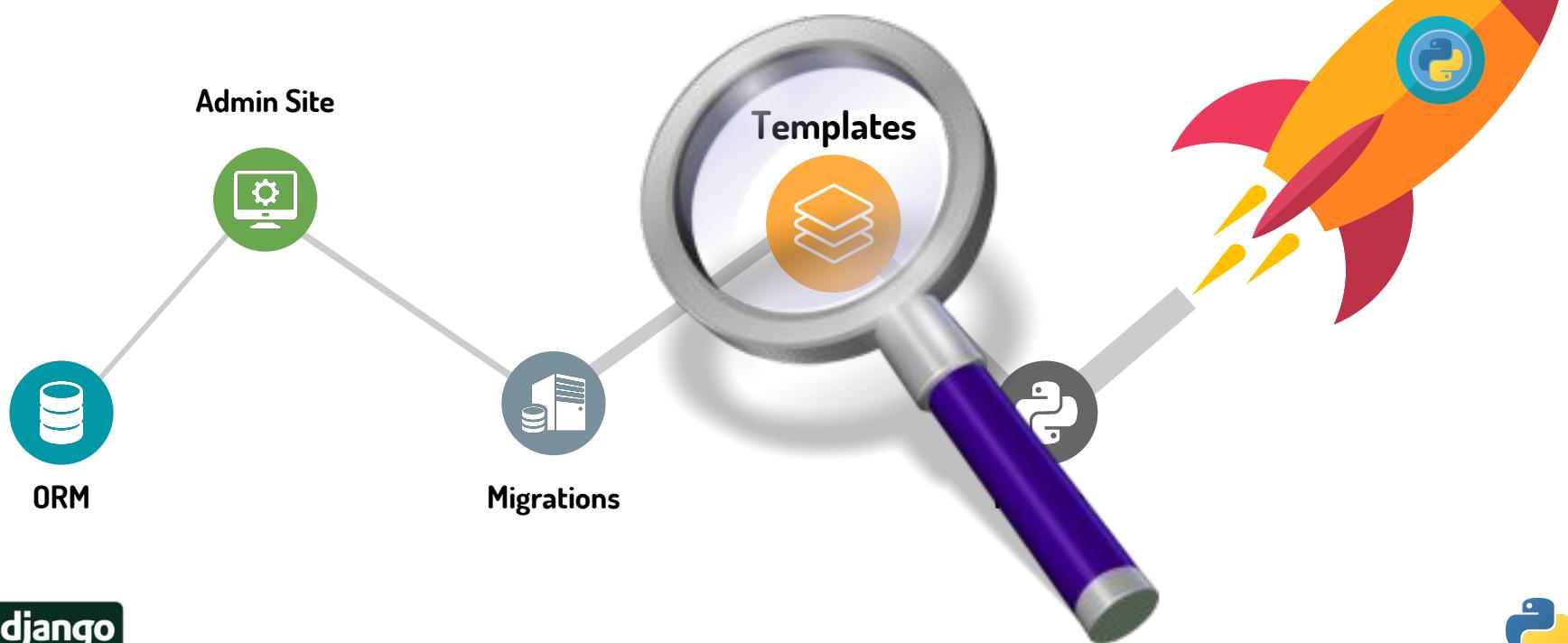
Productivity +++

Five features that make Django a Productive Framework



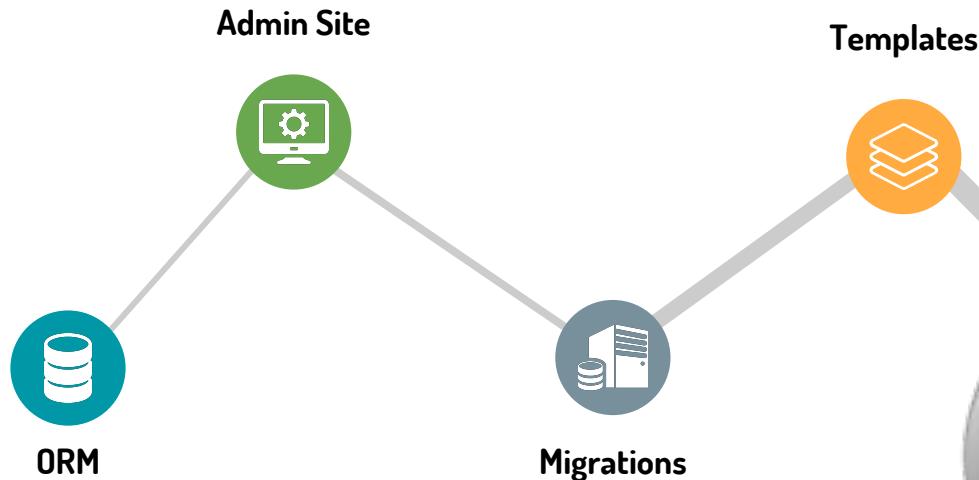
Productivity +++

Five features that make Django a Productive Framework



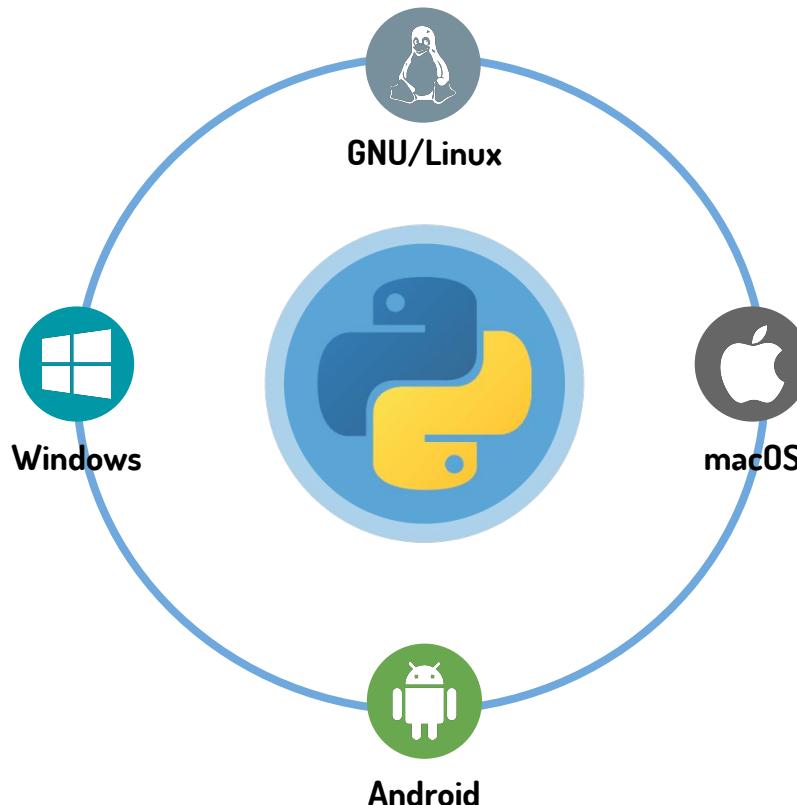
Productivity +++

Five features that make Django a Productive Framework



Productivity +++

Multi-Platform



Productivity +++

TIOBE INDEX

Jan 2018	Jan 2017	Change	Programming Language	Ratings	Change
1	1		Java	14.215%	-3.06%
2	2		C	11.037%	+1.69%
3	3		C++	5.603%	-0.70%
4	5	▲	Python	4.678%	+1.21%
5	4	▼	C#	3.754%	-0.29%
6	7	▲	JavaScript	3.465%	+0.62%
7	6	▼	Visual Basic .NET	3.261%	+0.30%
8	16	▲	R	2.549%	+0.76%
9	10	▲	PHP	2.532%	-0.03%
10	8	▼	Perl	2.419%	-0.33%

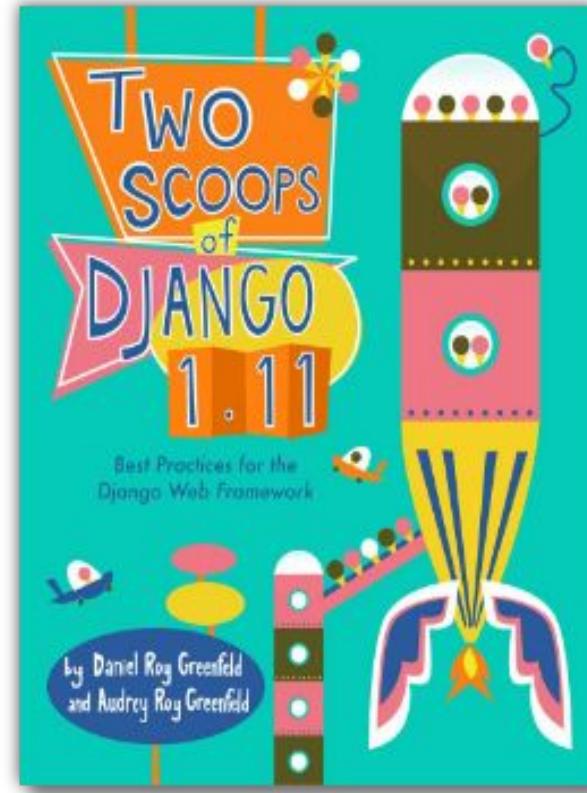


2. Two Scoops of DJANGO



Two Scoop of Django

About authors



Two Scoop of Django

The world on imports

1

Standard library imports

2

Related third-party imports

3

Local application or library specific imports

Two Scoop of Django

The world on imports

Example 1

```
In [ ]: # Standard library imports
        from __future__ import absolute_import
        from math import sqrt
        from os.path import abspath

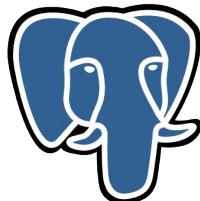
        # Core Django imports
        from django.db import models
        from django.utils.translation import ugettext_lazy as _

        # Third-party app imports
        from django_extensions.db.models import TimeStampedModel

        # Imports from your apps
        from splits.models import BananaSplit
```

Two Scoop of Django

About databases



PostgreSQL

ORACLE®



Use the Same Database Engine Everywhere.

django



Two Scoop of Django

Django Model Design

1

Start Normalized

2

Start without indexes

3

Models managers rocks

The models are the base.

3. A cup of coffee



A cup of coffee

Improve the Admin interface

The image shows a Django admin interface with the JET theme applied across three different devices: a laptop, a tablet, and a smartphone. The interface is designed to be responsive and look good on mobile devices.

Laptop View:

- Header: Monday, 25th February 2013, 14:47, Demo data will reset every 15 minutes, Welcome, Demo, Change password | Log out.
- Left sidebar: Home, Examples, Integrations, Auth, Support, License.
- Main content: A list of persons with columns for LAST NAME, FIRST NAME, ADDRESS, and COMPANY. A search bar at the top allows filtering by company, county, state, or city. A modal dialog is open, showing a dropdown menu for 'By city' with options like Aberdeen, Abilene, Absecon, Akron, Albany, and Alliance.

Tablet View:

- Header: Monday, 25th February 2013, 14:47, Demo data will reset every 15 minutes, Welcome, Demo, Change password | Log out.
- Left sidebar: Home, Examples, Integrations, Auth, Support, License.
- Main content: A list of persons with columns for LAST NAME, FIRST NAME, ADDRESS, and COMPANY. A search bar at the top allows filtering by company, county, state, or city. A modal dialog is open, showing a dropdown menu for 'By city' with options like Aberdeen, Abilene, Absecon, Akron, Albany, and Alliance.

Smartphone View:

- Header: Monday, 25th February 2013, 14:47, Demo data will reset every 15 minutes, Welcome, Demo, Change password | Log out.
- Left sidebar: Home, Examples, Integrations, Auth, Support, License.
- Main content: A list of persons with columns for LAST NAME, FIRST NAME, ADDRESS, and COMPANY. A search bar at the top allows filtering by company, county, state, or city. A modal dialog is open, showing a dropdown menu for 'By city' with options like Aberdeen, Abilene, Absecon, Akron, Albany, and Alliance.

A cup of coffee

Improve the Admin interface

1

<http://djangosuit.com/>

2

<http://grappelli-project.com/>

3

<http://jet.geex-arts.com/>



4. Don't reinvent
the wheel

4. Don't reinvent the wheel

Django App Store



<https://djangopackages.org/>

4. Don't reinvent the wheel

Content Management System (CMS)

1

<http://mezzanine.jupo.org/>

2

<https://wagtail.io/>

3

<https://www.django-cms.org>

4. Don't reinvent the wheel

Django and ecommerce



<http://oscarcommerce.com/>

Contact



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Créditos



FREE GOOGLE
SLIDES TEMPLATES



Nestor Pool | DroneandoRD

giphy.com



Mis sobrinos:
Luis Armando,
Luis Antonio y Sarah

