

Minimal Django

a tutorial without the bloat

by matt lebrun

Hello there!

- I'm **Matt Lebrun** (@cr8ivecodesmith)
- Software Engineer
- Trustee of PythonPH
- Been raving about **Python** since 2012
- I love to **learn** and **teach** about tech
- **#peanutbutterlife**

**IF SOMEONE EVER TELLS YOU THAT
YOU'RE PUTTING TOO MUCH PEANUT
BUTTER ON YOUR BREAD,**



STARECAT.COM

**STOP TALKING TO THEM. YOU DON'T
NEED THAT KIND OF NEGATIVITY IN
YOUR LIFE.**

Things we'll talk about

- What is Django?
- A simple Django app
- A note taking app in Django

What is Django?

What is Django?

- A MTV web framework
- For perfectionists with deadlines
- Comes with batteries included
- Security in mind
- Versatile
- Very quick to get up and running

Popular sites that uses Django

- Disqus (<http://disqus.com/>)
- Pinterest (<http://pinterest.com/>)
- Instagram (<http://instagram.com/>)
- BitBucket (<http://bitbucket.org/>)
- The Onion (<http://theonion.com/>)
- Mozilla Support (<http://support.mozilla.org/en-US/home>)

Django Development Resources

- Django FAQ (<https://goo.gl/PZRPjq>)
- Official Tutorial (<https://goo.gl/W80oBp>)
- Official Documentation (<https://goo.gl/l9lDpn>)
- Django Girls Tutorial (<http://goo.gl/fC9LjM>)
- Test Driven Development with Python
(<http://goo.gl/igx0vH>)
- Two Scoops Of Django (<https://goo.gl/Z0A5He>)

Model Template View

(some people call it MVC too!)

Model

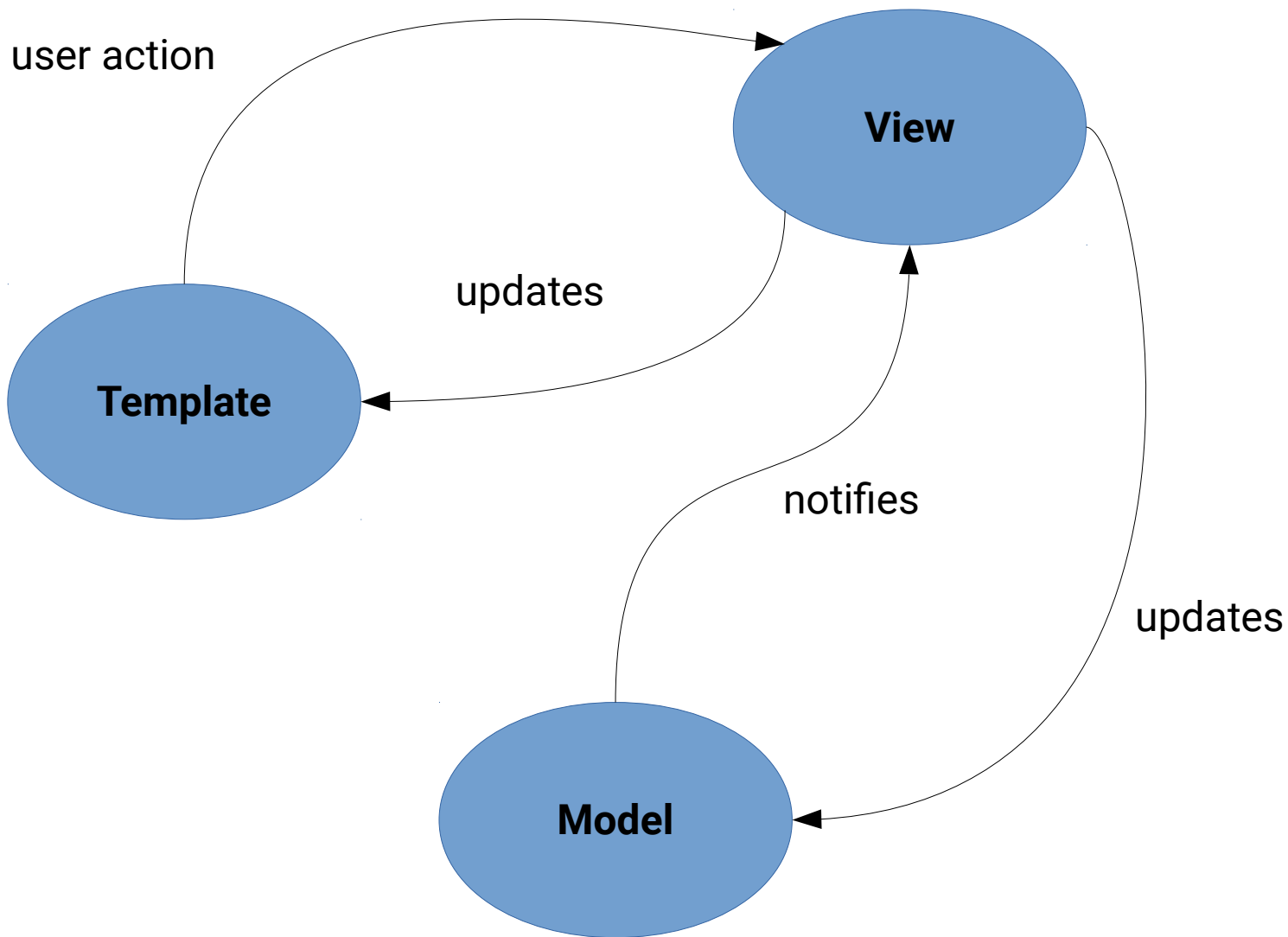
- Where data is stored and retrieved
- Manages data (CRUD)

View

- Determines what data gets presented to the user
- Describes ***what data*** they see, ***not how*** they see it

Template

- How data is presented



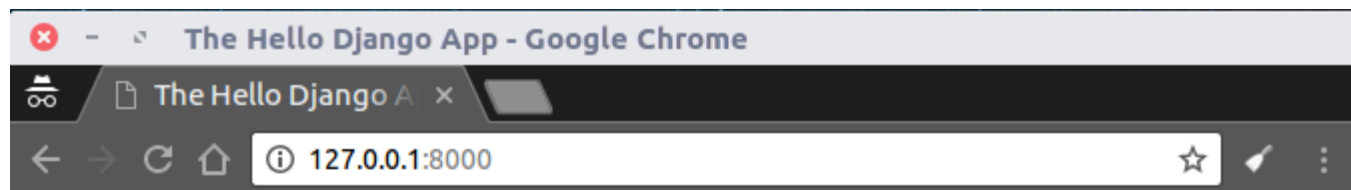
Let's start coding!

<https://github.com/cr8ivecodesmith/djnotes2>

A simple Django app

The steps

- Install Django and run it for the first time
- Create a super user and visit the admin page
- Create a home **app**
- Create the home **view**, **template**, and **url route**

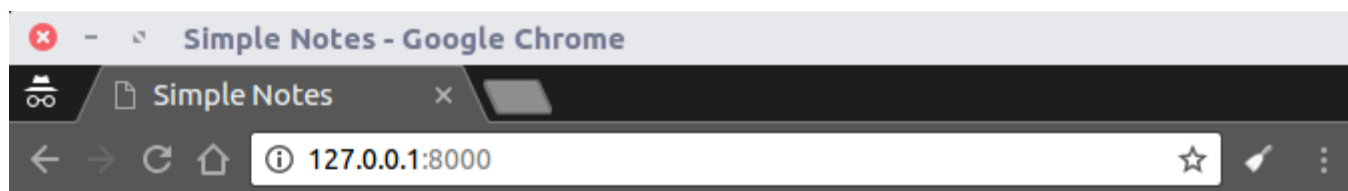


Hello Django!

A note taking app in Django

The steps

- Start a new Django project and create the initial scaffolds
- Update the settings file
- Define and create the Note model
- Create the note **list** view, template, and url route
- Create the note **create** view, template, and url route
- Create the note **update** view, template, and url route
- Create the note **delete** view, template, and url route



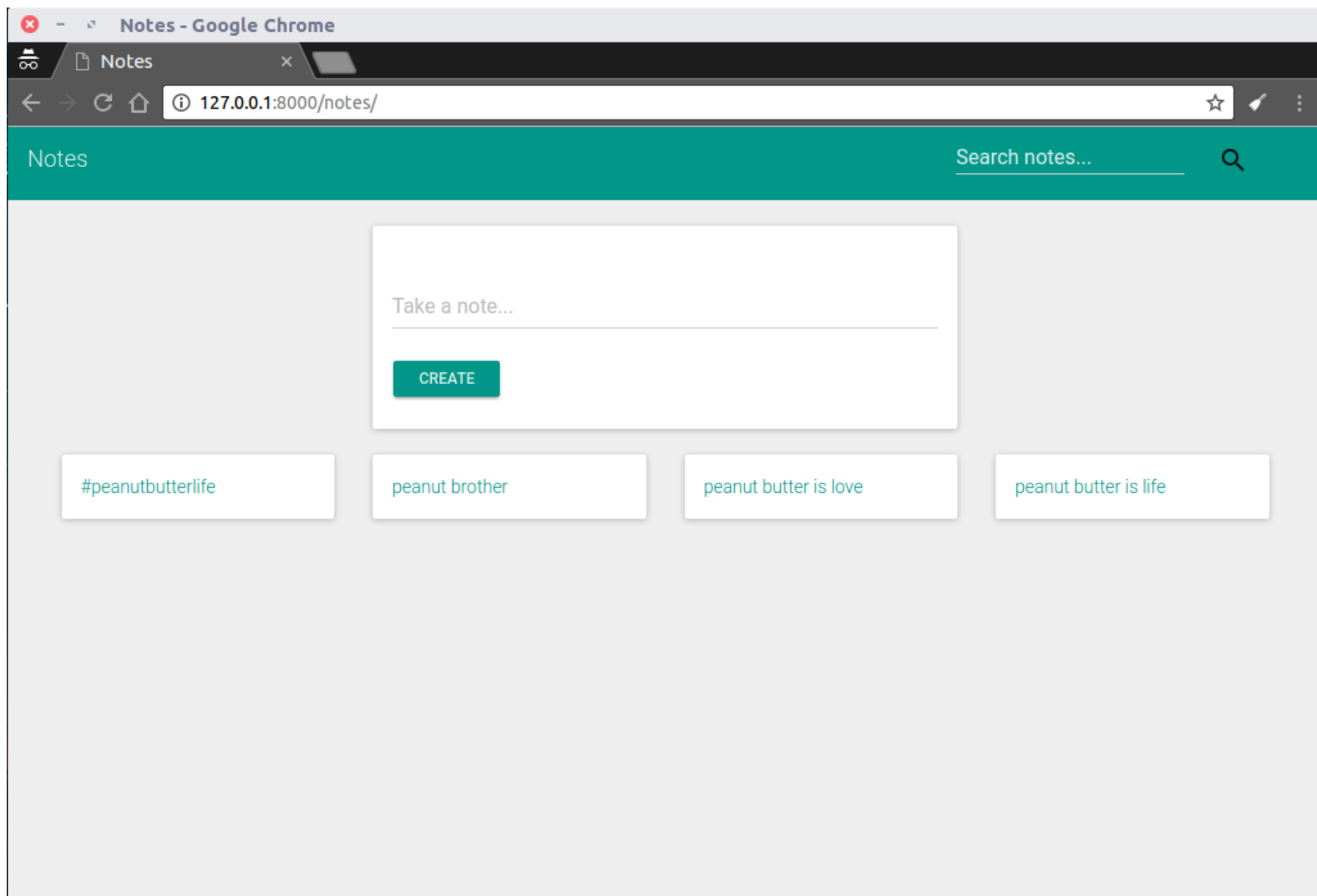
Notes

[New note](#)

1. [Peanut butter is love](#)
2. [Peanut butter is life](#)

Exercise: Make it your own!

- Get the code at
<https://github.com/cr8ivecodesmith/djnotes2>
- Add some design to it (bootstrap!)
- Add a search feature



What to do next?

- Learn to use Django forms
- Learn to create new Models and add relationships (3NF)
- Learn the Django ORM
- Learn to utilize the Django admin
- Deploy your app into the wild world web!
- Use this as a starting point for your next app!

Q & A

You guys are awesome!

Let's keep in touch :)

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Start hacking! :)