Todo-be-do-be-do with Flask

Pradeep Gowda

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 - web.py, Pylons, Flask, Pyramid

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- ▶ Based on Werkzeug, Jinja2 and good intentions (and taste)

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- Clean way to write start small

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 - http://denied.immersedcode.org/deny.py
- Name was a play on the bottle framework
 - ▶ Since then has grown to be a big name.

A Micro framework

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- ► Entire app in handful of modules

A Micro framework

- Simplicity and Small
- Entire app in handful of modules
- ▶ Freedom to choose libraries you like

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- Flask-Snippets

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- ► Flask + CouchDB

How to Install

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- http://flask.pocoo.org

Hello world

```
from flask import Flask
app = Flask( name )
@app.route('/')
def index():
        return 'Hello, World!'
if __name__ == '__main__':
        app.run()
Visit the app at http://localhost:5000.
```

Defaults

► Look under templates for templates (default Jinja2)

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- ▶ Look under static for assets (CSS, js etc.,)

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- ▶ NO javascript

App Demo

Todo-be-do-be-do

When to Flask?

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- Think App vs Application
- ► Think standalone Services (JSON/REST)
- ▶ Think web apps interacting over HTTP vs lib calls.

Thank you

The code for the application and the presentation are available at

http://github.com/indypy/todoflask

Questions to pradeep@btbytes.com or @btbytes.