Python Web Apps on Google App Engine

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Overview

- Google App Engine
- Development
- APIs
- Demo

Google App Engine

- Java, Python, and Go
  - Python 2.7.3
- webapp2 framework
- Basic app structure: .py files + app.yaml file
- Extra config files optional
- Supports HTML, CSS, and Django or Jinja2 templating

Development

- SDK with local development server
- GUI or command-line interface
- Easy deployment
- Admin console

APIs

- App Identity
- Backends
- Blobstore
- Capabilities
- Channel
- Datastore
- Google Cloud Endpoints
- Images

APIs

- Logs
- Mail
- MapReduce
- Memcache
- Namespaces
- OAuth
- Prospective Search
- Remote

APIs

- Search
- Sockets
- Task Queues
- URL Fetch
- Users
- XMPP

--> Demo

Questions?

Resources:
- https://developers.google.com/appengine/
- http://webapp-improved.appspot.com/