

Python for Development of Web Applications

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Why Python?

- It allows really fast development.
- It is easy to learn.
- It is lightweight.

Famous web projects using Python

- YouTube
- Quora
- Disqus
- Instagram
- Pinterest

The simplest server example

```
import SimpleHTTPServer
import SocketServer

PORT = 8000

Handler = SimpleHTTPServer.SimpleHTTPRequestHandler

httpd = SocketServer.TCPServer(('', PORT), Handler)

print 'serving at port ', PORT
httpd.serve_forever()
```

Popular Frameworks

- Django
- Flask
- Webware
- TurboGears
- Pylons
- Zope2
- web2py

Python friendly hostings

- Google Cloud Platform
- Amazon Web Services
- Heroku
- Pythonanywhere
- Openshift

What is possible with python on web?

Python can practically everything what other technologies can. Almost every popular feature is already implemented and ready for import.

Examples:

- Database adapters (SQL i NoSQL)
- REST api
- Page caching
- Dynamic compression of scripts and stylesheets
- Security middle-ware for various purposes
- Redaction systems
- Content management systems
- Eshops

Conclusion

- Python is suitable for simple projects as well as for gargantuan projects.
- It is handy in projects that require fast development.
- There are plenty of good web hostings for Python applications.
- There are good job opportunities for Python web developers.