

0 to 00111100 with
web2py

G. Clifford Williams

Absolute Beginner's Guide to Web Development With Web2py

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What is web2py?

Docs and resources

- <http://www.web2py.com/>
- <http://web2py.readthedocs.org/>
- <https://groups.google.com/forum/#!forum/web2py>

Massimo Di Pierro

- Physicist by training (PhD)
- Associate Professor at DePaul University
- Member of the Python Software Foundation
- Professionally Published Author
- Husband (not mine)
- Father (ditto)



Who am I?

- G. Clifford Williams
- Hacker (no I will not clarify what that means)
- DevOps Dude
- Open Source Contributor (Cherokee, web2py, PyJS, SaltStack, Wempy, etc.)
- Opinionated Jack-wagon
- Husband





Finding me

- <http://www.notadiscussion.com>
- gcw@notadiscussion.com
- <http://fossil.secution.com>
- <http://github.com/gcw>
- <http://www.twitter.com/thegdot>

Who are you?

- Who's never done any programming before?
- Who's never used Python?
- Who's never used web2py?

Terms

- Database
- ORM
- MVC
- Browser / Client
- Session
- CSS
- HTML

Why web development?

- Low over head
- The web powers everything
 - Mobile Apps
 - Games (consoles, casinos, handhelds, more)
 - Gadgets (cameras, RC air/water craft, robots)

Why Python

- Because what it lacks in speed it makes up for in simplicity, elegance, and readability

Why web2py?

- Easiest to get started with (there's a reason it's called 0 to 60)
- No Object Relational Impedance Mismatch associated with ORMs
- Powerful and flexible
- No new template language to learn
- Backward compatibility

what you get with
web2py.zip

Application Layout

- models/
- controllers/
- views/
- static/