10 Years of Python Libraries

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Who am I?
Where I come from
Hermagor

(Carinthia; Austria)
COMPUTER SCIENTISTS: 0
The Internet to the rescue
2003 Discovered Python
2005

Pocoo!
2005

WTF is CGI?
2006 Colubrid GPL Licensed!
2007 Licensing
20?? Many, many more
Now Open Source Consulting
you can only build what you use
you can only build what you understand
you can only build what you love
be critical
restrict your API
license it well
The Thing with Using
chicken and egg situation:
not enough to use it after building;
how do you use something that does not exist?
Iteration
Mockups
Use the Repl
Learn to Throw Away
one trick pony
Understanding
this is the trickiest part
especially if you build something new
Data Flow & Transformation
context matters
Love what you build
how do you know you found love?
do you enjoy using it?

:)
what if you found new love?
ADMIT MISTAKES
give it someone else
being critical
it's normal to learn
you might hate what you did a year ago
careful though:

SECOND SYSTEM SYNDROME
Restrict your API
APIs are Contracts
contracts are expensive
complifies maintenance
it's okay to keep things private
you can make them public later on
license it well
consider the consequences
licenses
are forever
API Design Goals
stateless
layered
consistent
small
abstraction leakage
thou shall write

DOCUMENTATION