Python Everywhere

Jacob Kaplan-Moss
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“What’s Python good for?”
about:me

Co-BDFL
django
about:me

Co-BDFL

django

Director of Security

heroku
1998
2001
2003
2005
“What’s Python good for?”
Games Banking Web Apps Chemistry SMS Charity Emergency Services Bioinformatics Trading Mobile Apps Genetics Marketing Email Sports Mechanical Engineering Search Civil Engineering Push Notifications Payroll Cloud Computing Newspapers Television Radio Movies Animation Space Shopping Graphics Embedded Devices Libraries ...
EVERYTHING
Python is fast
Python is object-oriented
Python is functional
Python is complete
Community!
“What makes the Python community different is its concerted effort to recruit and welcome people who are underrepresented in tech.…. [The] Python community is in many ways a beacon of what the tech world should aspire to.”

WE WON!

WON!
Well...
 Threat from within: **fragmentation**.
 › Threat from within: fragmentation.

 › Threat from above: the Enterprise.
Threat from within: **fragmentation**.

Threat from above: **the Enterprise**.

Threat from below: **new ecosystems**.
The next great language
A better way to build apps.

Meteor is an open-source platform for building top-quality web apps in a fraction of the time, whether you're an expert developer or just getting started.

001 Pure JavaScript.
Write your entire app in pure JavaScript. All the same APIs are available on the client and the server — including database APIs! — so the same code can easily run in either environment.

This is the web framework I always wanted.
My favorite colors

No colors yet.
My favorite colors

- blue
- green
- orange
- red

My favorite colors

- blue
- green
- orange
- red
› Threat from within: **fragmentation**.

› Threat from above: **the Enterprise**.

› Threat from below: **new ecosystems**.
Opportunities within: **Python everywhere.**

Threat from above: **the Enterprise.**

Threat from below: **new ecosystems.**
› Opportunities within: **Python everywhere**.

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Opportunities within: **Python everywhere.**

Opportunities above: **the Enterprise.**

Opportunities below: **new ecosystems.**
PyPy 2.0 beta 1

We’re pleased to announce the 2.0 beta 1 release of PyPy. This release is not a typical beta, in a sense the stability is the same or better than 1.9 and can be used in production. It does however include a few performance regressions documented below that don’t allow us to label is as 2.0 final. (It also contains many performance improvements.)

The main features of this release are support for ARM processor and compatibility with CFFI. It also includes numerous improvements to the numpy in pypy effort, cpyext and performance.

You can download the PyPy 2.0 beta 1 release here:

http://pypy.org/download.html
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PEP 3156
(tulip)
from django.http import HttpResponse

def web_view(request):
    return HttpResponse("I'm a web site!")
from django.http import HttpResponse

def web_view(request):
    return HttpResponse("I'm a web site!")

from c10ktools.http import websocket

@websocket
def websocket_echo(ws):
    ws.send((yield from ws.recv()))
We can do it!
PYTHON ALL THE THINGS!
Thank you!

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