OpenStack . . .

pure python, community developed IaaS
What's this talk about?

It's all about OpenStack...

... about what it is.

... about how it is being developed.

... about the community around it.

... about engaging you to contribute to it.
@flaper87 (a.k.a, Flavio Percoco):

Very proud Red Hatter, who's also part of the MongoDB Master team and has contributed to Open Source since... forever.

One of those who thinks about programming when he's not programming.

Who's this dude?
... let me tell you what it is
What marketers read:

noun ['oʊ.pænstæk/ cloud operating system that controls large pools of compute, storage, and networking resources throughout a datacenter, all managed through a dashboard that gives administrators control while empowering their users to provision resources through a web interface.

What it really is:

Really cool, pure python, open source, infrastructure (and not just infrastructure) as a service provider (IaaS).
- OpenStack Compute (Nova)
- OpenStack Image (Glance)
- OpenStack Block Storage (Cinder)
- OpenStack Object Storage (Swift)
- OpenStack Networking (Neutron)

- OpenStack Dashboard (Horizon)
- OpenStack Meetering (Ceilometer)
- OpenStack Identity (Keystone)
- OpenStack Orchestraion (Heat)
... let me tell how it is being developed
500% written in Python
-0.1% web stuff

Snakes Everywhere
Plug-in based

Non Opinionated
It doesn't matter who you are
Nor where you come from
Nor how many cats you have
"core-committers".replace("committers", "contributors")

Gerrit, FTW

Code Reviews

@flaper87 - Europython 2013
Jenkins Continues Integration
Public Repository

No push

Github
Oslo Incubator
Common Code

When bad things are the best ideas.
Rules → Standards

... right, and who "defines" those?
... let me tell you a story, OS's community rocks
Open Development Community Design
Project Technical Lead (PTL)
9981 Contributors

87 Countries

(keeps Growing)
Always on IRC

Always There
Regular Meetings
Always on IRC

Always There
Very active mailing list

Regular Meetings
Always on IRC
Technical Committee
Takeaways

- Community Matters
- Drop your ego
- Do reviews
- Define your standards
- Be there
Q&A
http://openstack.redhat.com/
http://www.openstack.org/

Thanks

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