Packstack

https://wiki.openstack.org/Packstack

Sandro Mathys
Cloud Architect
SystemsX / ETH Zurich
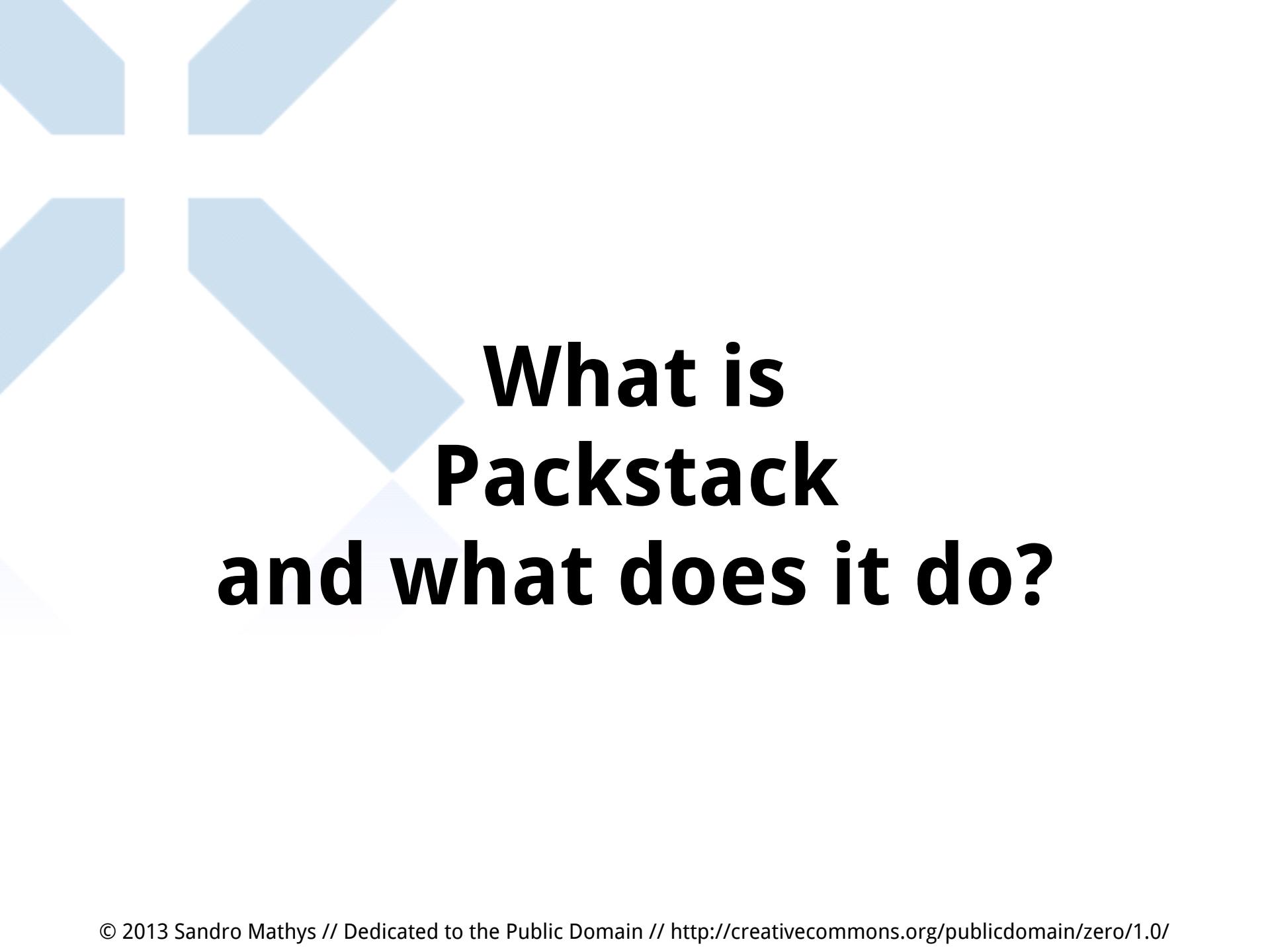
What is Packstack and what does it do?

Packstack

"... *is a utility* that uses Puppet modules *to deploy* various parts of OpenStack on *multiple* pre-installed *servers* over SSH *automatically.*"

Packstack

"... is a utility that *uses Puppet* modules *to deploy* various parts of *OpenStack* on multiple pre-installed servers *over SSH* automatically."

Python => SSH => Puppet => OpenStack
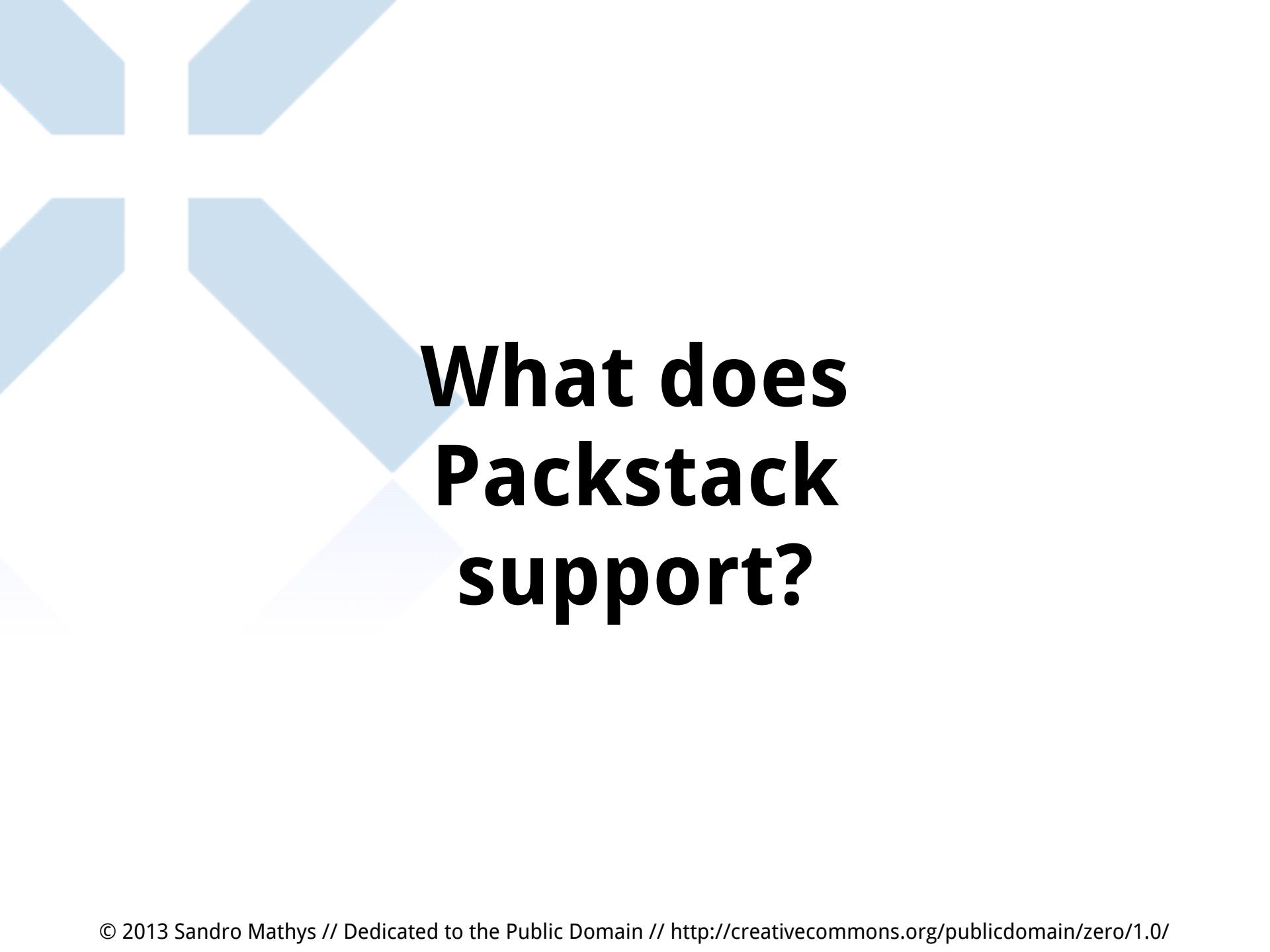
What does Packstack support?

Red Hat Enterprise Linux, Fedora, and Derivatives
e.g. CentOS, Scientific Linux

Folsom and Grizzly

What does Packstack NOT (yet) support?
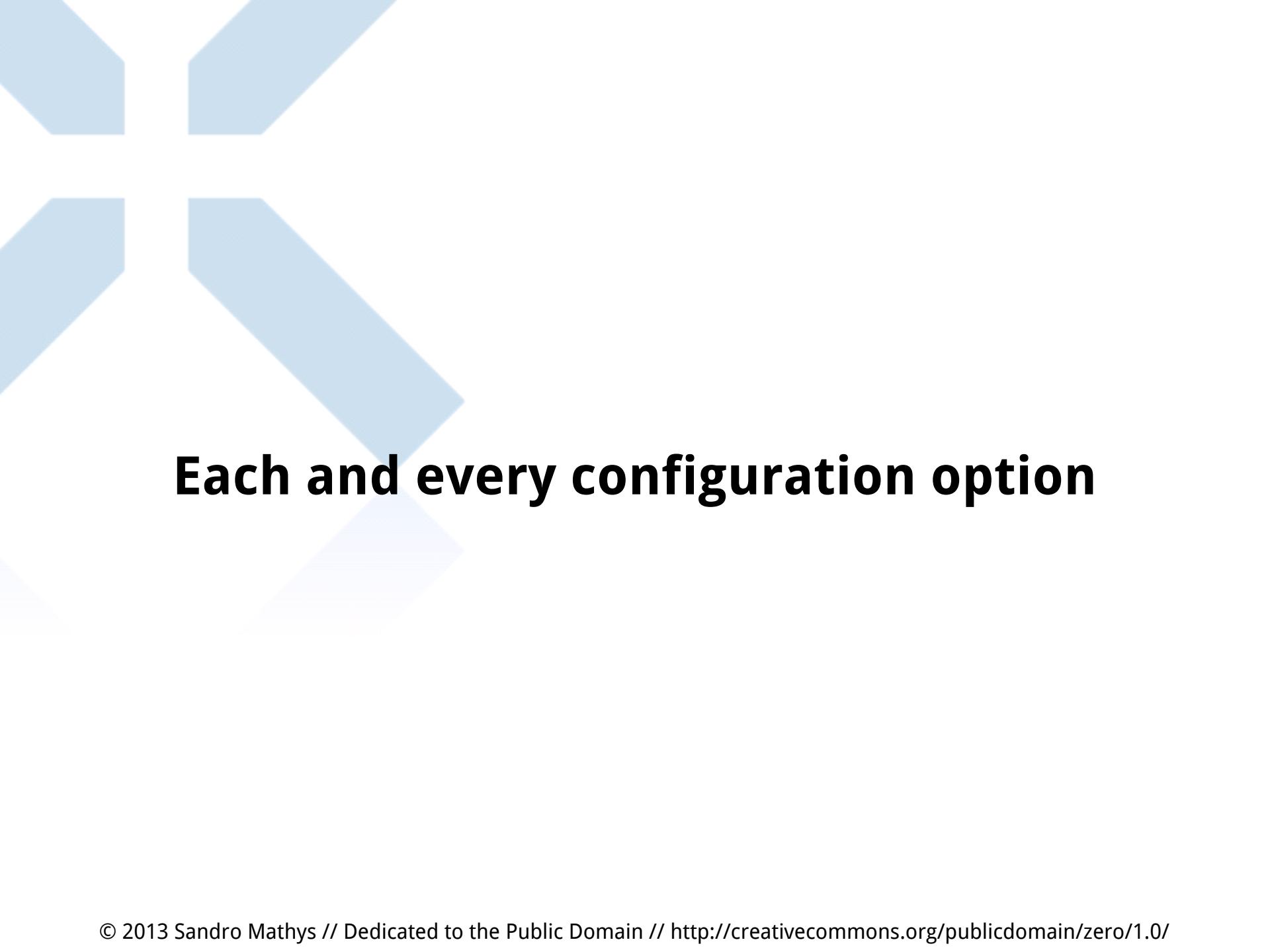
Each and every configuration option

Quantum, Ceilometer, Heat, Savanna, RedDwarf, Marconi, ...

Where is Packstack available?

Fedora
https://www.fedoraproject.org/

EPEL
https://www.fedoraproject.org/wiki/EPEL

RDO
http://openstack.redhat.com/

RHOS
https://www.redhat.com/openstack/

GitHub
https://github.com/stackforge/packstack

How is Packstack used?

Interactively
Command Line Prompt

packstack --help

or

packstack --allinone

packstack --gen-answer-file /root/ans.txt

vi /root/ans.txt

packstack --answer-file /root/ans.txt

Where is Packstack developed?

StackForge
OpenStack Project Infrastructure

Same Processes, High Quality
Gerrit => Jenkins => Zuul

Who develops Packstack ?

Red Hat
Derek Higgins, et al.
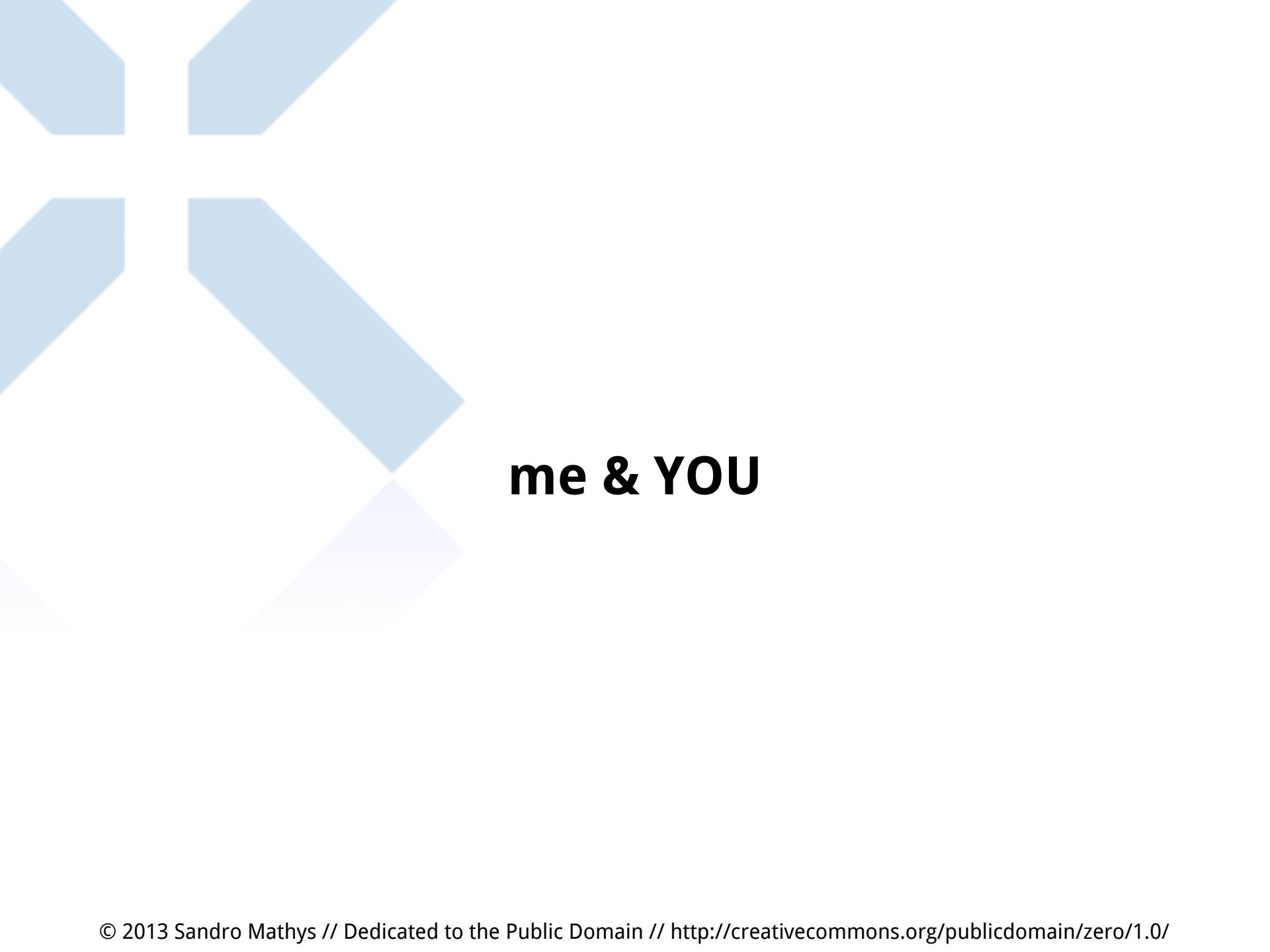
me & YOU

Ideas for Contributions
Fix existing bugs :-)
Secure all communication
Quantum (etc.) support
Un-Packstack (i.e. cleanup)
More Unit Tests

Give Packstack a try!

ETH Zurich // University of Zurich // SWITCH

Academic Compute Cloud
Experience Workshop

Monday, 29 April 2013 @ ETH Zurich

http://www.amiando.com/AcademicCloud.html