

GoOSE Linux

Rebuilding Enterprise Linux

The 'Community' Way

Hello. My name is

Clint Savage

People online call me herlo

I participate online at the following places



I don't always blog, but when I do, I use
<http://sexysexypenguins.com>

This presentation

Is Interactive!

Please ask questions.

It will help everyone understand and benefit!!

What is the

Go0Se Project?

Please! Tell us more!!

Is Go0Se an acronym? Why is OS capitalized?

Is an 'Enterprise Linux' Rebuild Project

Wants to grow the EL Rebuild ecosystem

The Go0Se Project...

Focuses on making rebuilds a 'repeatable' process

My latest project

You need

Tools and Infrastructure

To rebuild an enterprise operating system

We stand on the shoulders of awesomeness!



<http://github.com>



<https://fedorahosted.org/koji>



<http://python.org>

Our Toolbelt

We have quite a bit of code too!

Written for the GoOSe Project

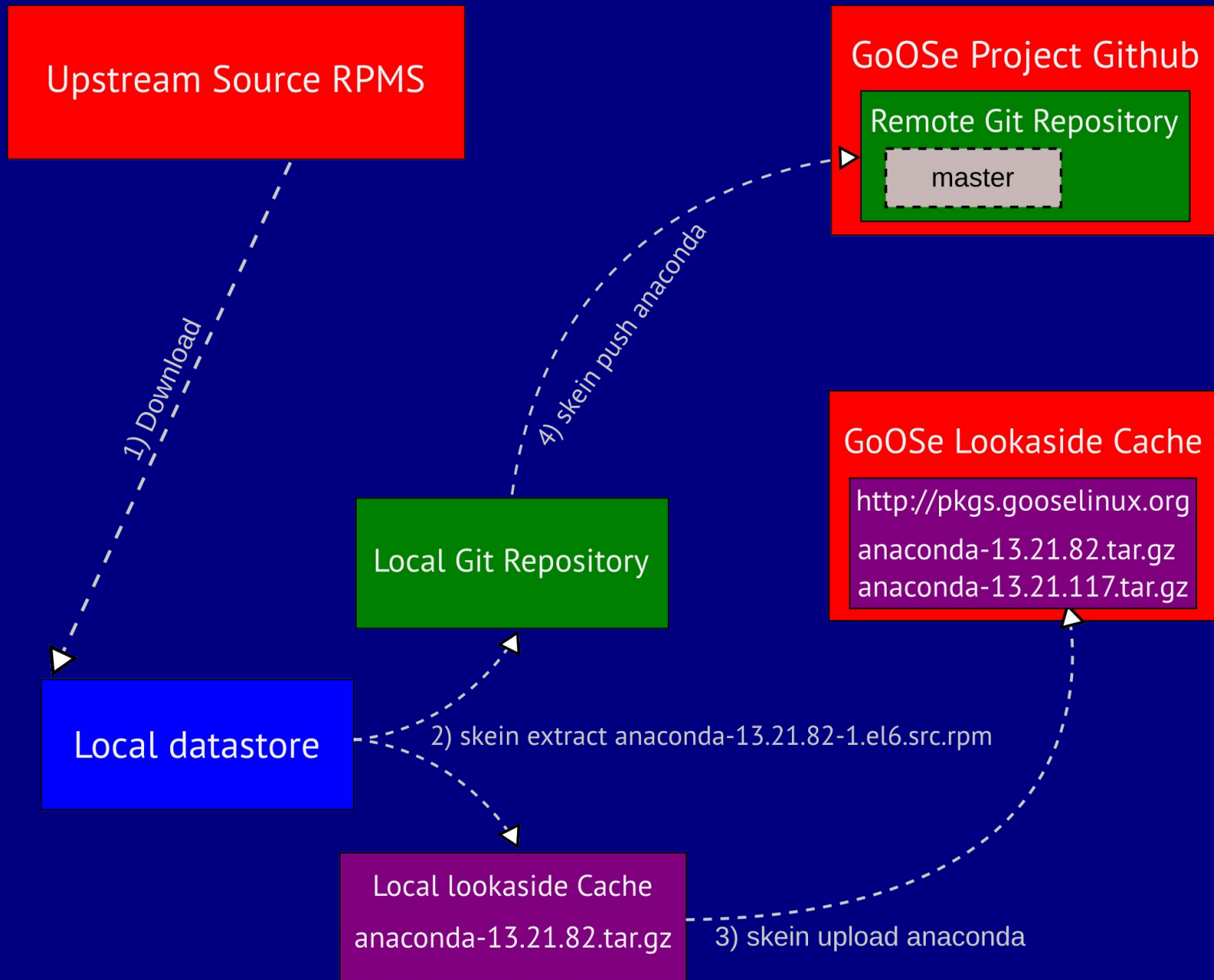
- skein – manages imports and builds
- grapple – git hook to automate koji
- reposort – dependency ordering (alpha)

Forks from other projects

- Python-github2
- Python-github3 (soon)
- supybot-gribble / meetbot

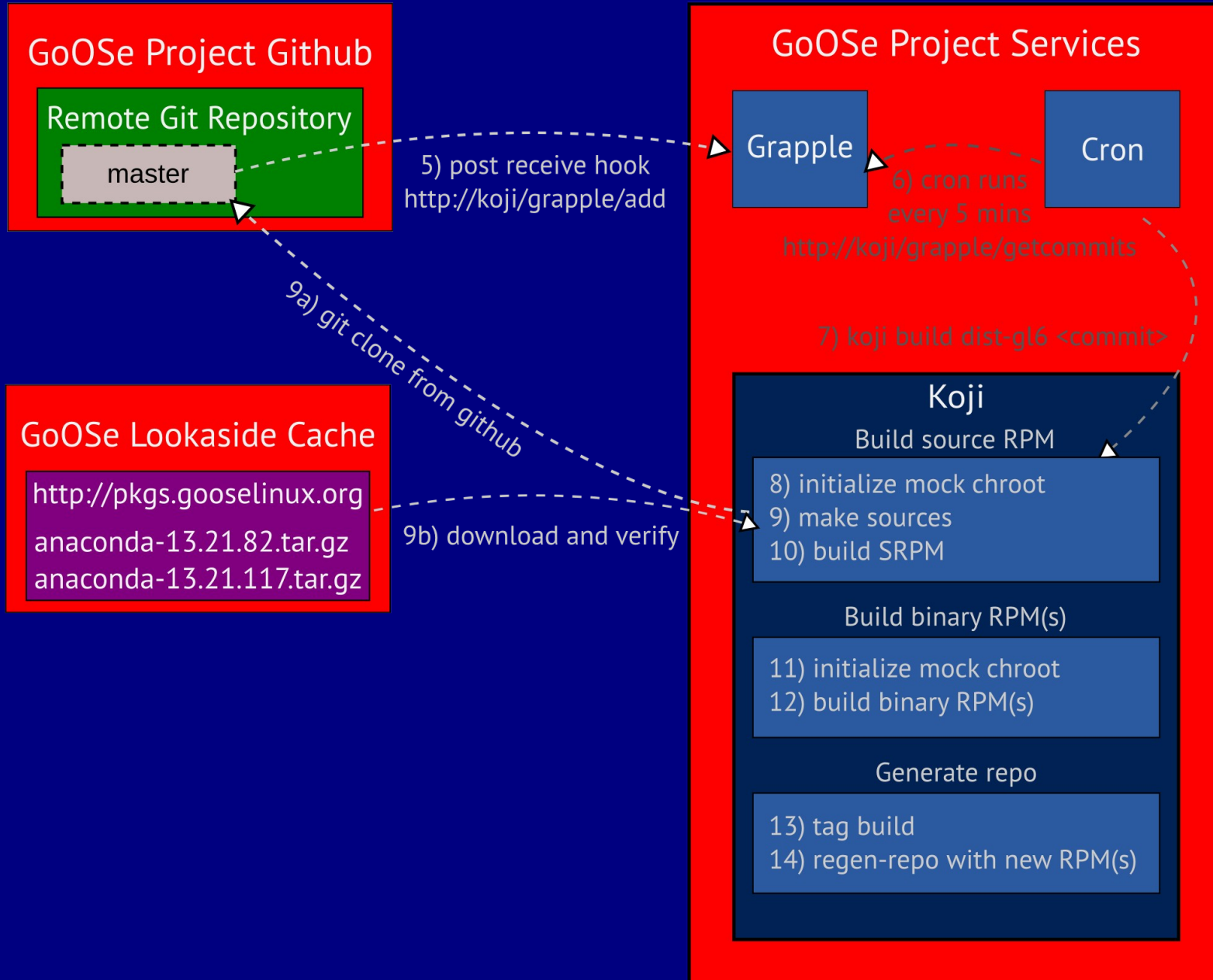
Building GoOSE Linux - Part I

Importing from Upstream



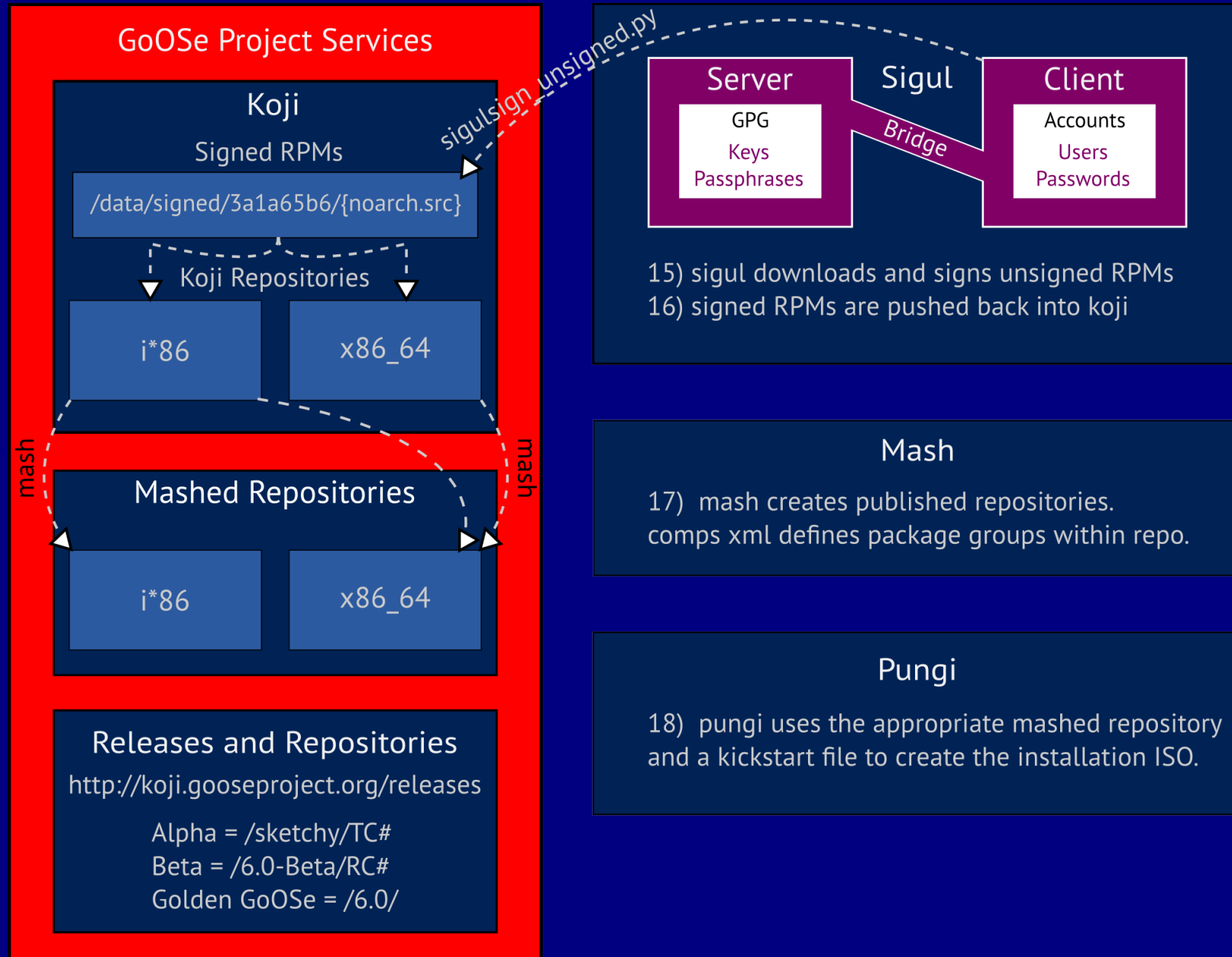
Building GoOSE Linux - Part II

How an RPM is built



Building GoOSE Linux - Part III

GPG Signing, Repo Mashing, ISO Creation



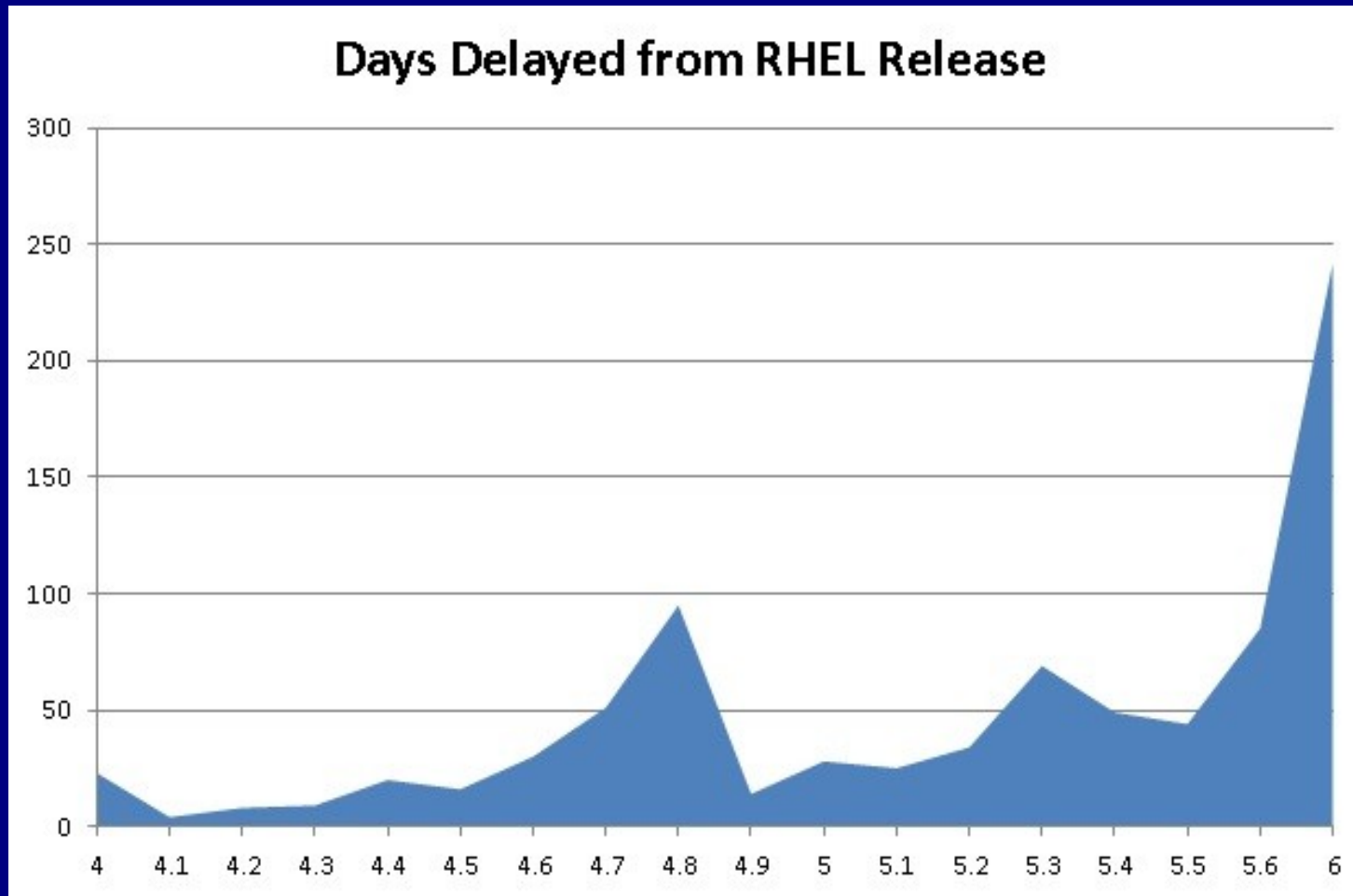
Why are you building

The Go0Se Project?

Doesn't CentOS* already do this?

Is there really a need?

* - Ask Scientific Linux, ClearOS, Acendos.
They likely have thought this through as well.



CentOS releases are becoming more time-consuming.

Image Credit: <http://www.standalone-sysadmin.com/blog/2011/07/centos-6-great-but-for-how-long/>

CentOS is for the community ... it is not BUILT buy the community.
-- Johnny Hughes (March 10, 2011)

<http://lists.centos.org/pipermail/centos-devel/2011-March/007101.html>

What does that mean?

It means something important is missing!

It is all about

The Community

A community of 'contributors'

Contributors are the key

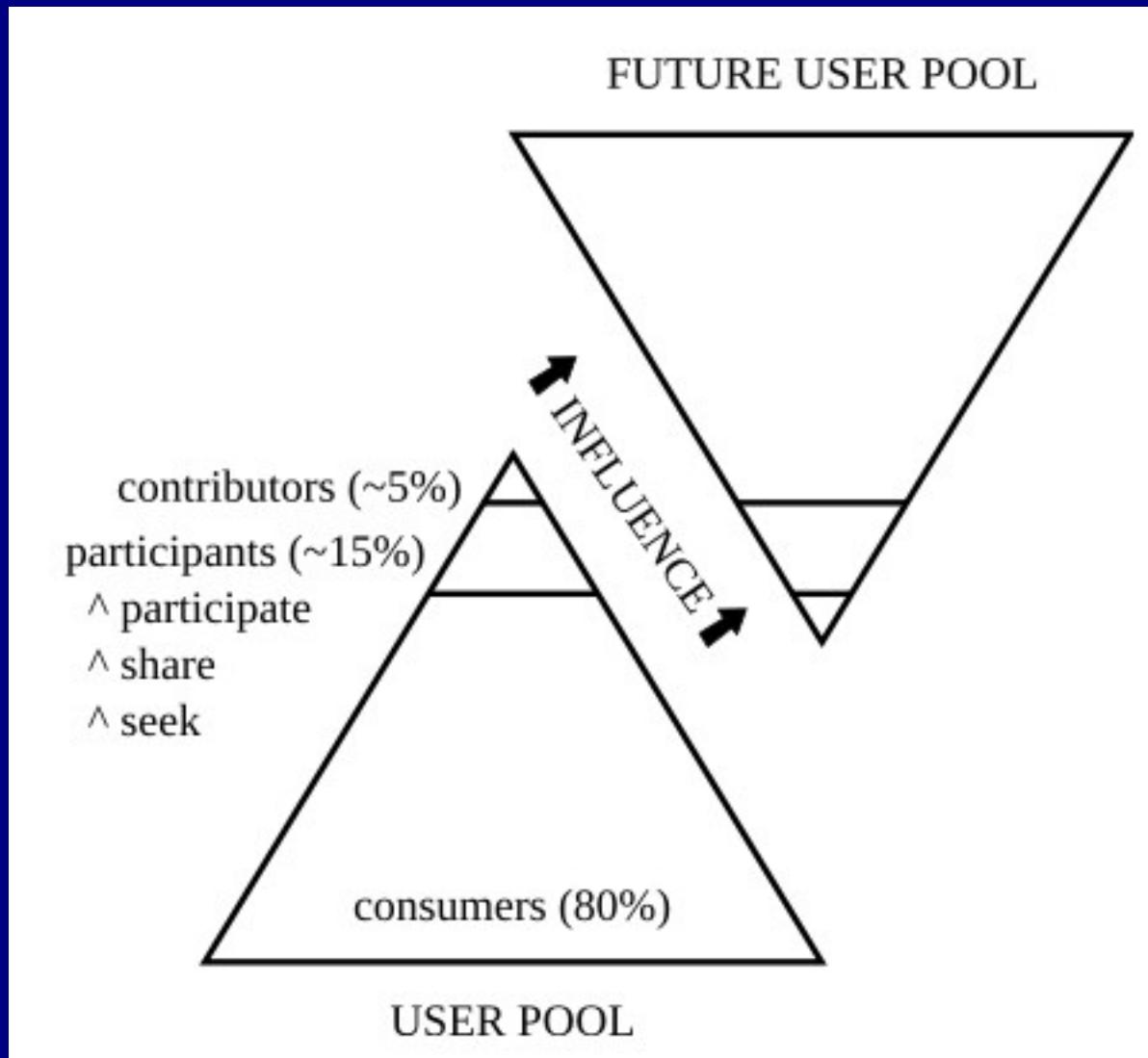


Image Credit: <http://iquaid.org/2009/04/14/community-sets/>

to successful communities

Mirroring of Upstream Sources

Collaboratively Creating Docs

Collaborating with other Enterprise Linux Rebuild projects

More Hands, Less Work

Makes it easier to do the hard stuff

Building QA Test Suites

Cross-project backups

Fork the `gooseproject/main` repository

Join the Go0Se Project

And send us a pull request!

Thank you for your attention!

web: <http://gooseproject.org>

email: herlo@gooseproject.org

project url: <http://github.com/gooseproject>

irc.freendode.net: #gooseproject