Open Source

Tools, Techniques, Best Practices

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DevPulseCon 2018
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4 years working on CI/CD for OpenStack

10+ years in Linux systems administration and engineering roles

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Tools
Open Source projects collaborate online and often have participants from around the world.
Mailing Lists: Mailman

ubuntu-users -- Ubuntu user technical support, not for general discussions

About ubuntu-users

This list is for Ubuntu user technical support. This is not a place for general discussions. For more information and guidelines please see the FAQ - https://wiki.ubuntu.com/UbuntuUserListFAQ

To see the collection of prior postings to the list, visit the ubuntu-users Archives.

Using ubuntu-users

To post a message to all the list members, send email to ubuntu-users@lists.ubuntu.com.

You can subscribe to the list, or change your existing subscription, in the sections below.

Subscribing to ubuntu-users

Subscribe to ubuntu-users by filling out the following form. You will be sent email requesting confirmation, to prevent others from gratuitously subscribing you. This is a hidden list, which means that the list of members is available only to the list administrator.

- Your email address:
- Your name (optional):
- You may enter a privacy password below. This provides only mild security, but should prevent others from messing with your subscription. Do not use a valuable password as it will occasionally be emailed back to you in cleartext.
- If you choose not to enter a password, one will be automatically generated for you, and it will be sent to you once you've confirmed your subscription. You can always request a mail-back of your password when you edit your personal options.
- Pick a password:
- Reenter password to confirm:
- Which language do you prefer to display your messages? English (USA)
- Would you like to receive list mail batched in a daily digest? No Yes

Subscribe
Mailing Lists: Google Groups
Chat: IRC

01:54:10 PM The topic for #openstack-infra is: Discussion of OpenStack Developer and Community Infrastructure. See docs https://docs.openstack.org/infra/ or bugs https://storyboard.openstack.org/; source https://git.openstack.org/cgit/openstack/openstackinfra/; channel logs http://livegrep.openstack.org/logs/infra/infra-

01:54:21 PM topic for #openstack-infra set by openstack@openstack@openstack at 10:40:51 AM on 04/01/2016

01:55:20 PM diseker left the room (ping timeout: 240 seconds).
01:55:26 PM clarke: If this ansible install works, I’m going to do the v6 release.
01:55:38 PM clarke: I have successfully updated pip to pip 10 in my venv.


01:56:20 PM arnaan (<arnaan@119.42.159.230>) entered the room.

01:56:30 PM clarke@: Merge openstack-infra/storyboard master: Use charshow8mb4 instead of pyaprsql. https://review.openstack.org/557498

01:57:21 PM jarosclarke: I’m guessing no further thoughts on https://review.openstack.org/557498. I dumped a bunch of info in there, but still has mo stumped.

01:58:28 PM clarke@: ansible successfully installed. I’m going to do the v6 release now then when that is done remove my bandersnatch lock.

01:59:15 PM dave.mccowan left the room (quit: Quit: My MacBook has gone to sleep. ZZZZZzz).

02:00:20 PM clarke@: The human readable package index pages are a nice fix too. But looks like we’ll only generate those for packages when they update.

02:02:24 PM jarosclarke: does that increase the size?

02:02:36 PM dave.mccowan: jaros: yeh, same. I have no idea why that affected glance.

02:02:56 PM clarke@: jaros: http://mirror达到了.net/r/800/openstack.org/800/simple/nightly/ vs http://mirror.r.8000/openstack.org/800/simple/openstack just some new <bin> or <p> tags I expect.

02:03:17 PM dave.mccowan: jarosclarke: I’m guessing we’ll want to spend a bunch of time trying to break glance and see if we need to change anything.

02:03:59 PM clarke@: jarosclarke: probably not much bigger.

02:03:59 PM clarke@: jarosclarke: I should’ve added a +w to the v6 release. Oh well.

02:05:56 PM aenst left the room (quit: Remote host closed the connection).

02:06:50 PM jarosclarke: oh ok, not bundling angular.

02:08:00 PM slaweg [@slaweg@213-3-41-117.desipip.pl] entered the room.

02:08:18 PM clarke@: corva: v6 release is precisely very quiet (I take it?)

02:08:20 PM mtenio left the room (quit: Quit: Leaving).
Chat: Slack

#general

- 1:49 AM
  tried to make it as simple as possible!

- 2:28 AM
  for further information - running `dcos node --json` shows that for the new agent, no resources are reserved for any roles at this time, but the correct number of cpus and amount of memory is displaying in `unreserved_resources`

- 3:02 AM
  joined #general along with Sanjeeb.

- 3:36 AM
  can I upgrade from 1.10.1 to 1.11.0 or do I have to upgrade to 1.10.5 first?

- 6:32 AM
  joined #general.

- 11:45 AM
  we recommend that you upgrade 1.10.5 first prior to upgrading to 1.11.0 [edited]

- 12:23 PM
  does the dcos cli have a way of updating the config of an installed package?
  for example, have kapps running, but rather than having to modify some config via the UI, I would prefer to use the CLI and just pass an updated config file.
  ah hm, found it.

- 12:45 PM
  err, for future reference, the dcos-common packages have a `dcos <package> update start ... options=file.json>`
Revision Control

Most open source projects today use a type of revision control to manage their code. It provides code history and eases collaboration.

- Git
- Bzr (Bazaar)
- SVN (Subversion)
- Mercurial

These are typically hosted on a code platform where the users collaborate.
Revision Control Platforms: Git on GitHub
Revision Control Platforms: Git on cgit

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<th>Name</th>
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<td>r</td>
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<td>.</td>
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<td>r</td>
<td>run_bifrost.sh</td>
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Revision Control Platforms: Bzr on Launchpad

~xubuntu-team/xubuntu-marketing/current

Changes  Files

~xubuntu-team/xubuntu-marketing/current: / (revision 5)

🔗 view revision  🔗 view branch changes

Committee: Pasi Lallinaho
Date: 2018-02-21 12:02:59 UTC
Revision ID: pask@shimmerproject.org-20180221120259-2df9f934yfl3ibday
Add wallpapers from 17.10 and 18.04
Optimize wallpaper PNG files

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Loggerhead is a web-based interface for Bazaar branches
Version: 1.18.2, Revision: 18617
Bug Tracking

- Bugzilla
- GitHub Issues
- GitLab Issues
- Launchpad Bugs
- Jira
- ...dozens more
Bug Tracking: Issues on GitLab

open-source-infra-site

Elizabeth K. Joseph > open-source-infra-site > Issues > #1

Open
Opened a month ago by D. Joe

cert error for www.openinfra.org

Server answers to www via https, but cert supplied is for non-www site.

Source of link:
<https://allthingsopen.org/speakers/elizabeth-joseph/>

Leads to certificate mismatch error

> www.opensourceinfra.org uses an invalid security certificate. The certificate is only valid for open when arriving at

<https://www.opensourceinfra.org/>

The site
<https://opensourceinfra.org/>

is just fine.
Techniques
Getting Started

Look for a section on the site related to “Getting Involved” “Contribute” or “Community”
Etiquette

Follow the rules in place for contributions.

Be polite and act professionally.

Provide timely and clear responses to contributions.

Follow the Code of Conduct or etiquette guides the project has published.
Patience

People have varying degrees of participation time available for the project, exercise patience when working with them. Friendly follow-ups are OK.

When you’re new to a community, it’s common to be corrected when you make a community faux pas, accept this correction with grace.
Licenses are incredibly important in the open source world, basic understanding is key and not running afoul of the rules in your is important.

Most acceptable to companies: Apache, MIT, BSD

Sadly, often less acceptable: GPL, AGPL

Ask your boss or legal team.
The language of open source

“What’s a pull request?”

Just like you do in your industry and in your technical specialization, open source communities have their own terms and words.

Do a quick Google search. Ask questions.
Best Practices
Identity: What email address to use

Are you participating as an employee or as a hobbyist?

Do you want your hobby open source work mixed with what you do for work?

Are you interested in an open source presence that outlives your current company?

Are you permitted to use a non-company email address for contributions you do for work?
Writing a good bug report

Give enough detail so that the person reading the bug is able to reproduce your problem, including:

● Version of the software you’re using
● Step by step explanation of what you did that resulted in the problem
● The outcome you expected, versus what happened
Get to know the community

Join chat.
Join the mailing lists.
Participate in project meetings.
Help in the support outlets the project has.
Meet other project members at Meetups and conferences.
Questions?

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