

Sysadministrivia

Linux, Lagers, and Late Nights

S3E9: "Git Outta Here"

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Quicklisten:

In this episode we provide some initial experiences with some self-hosted GitHub alternatives: Gogs, Gitea, and GitLab.

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News

- Intel seems to have forgotten some key information about their products during the Computex keynote.
- Apple is closing the security hole that law enforcement use to crack iPhones.
- Microsoft making proposals for device security.
- Linuxforums.org (no link for you because you were naughty) has had a password hash breach, and they're (admittedly salted) MD5 hashes.
 - Seriously, why are we still storing passwords hashes in md5 in 2018?
 - They also seem to be shutting down any discussion regarding the breach.

Notes

Starts at **25m35s**.

I was drinking chai (specifically, Stash's Chai Spice Black tea though I didn't mention it on-air). Paden was drinking nothing. Jthan was drinking water (but we convinced him to drink an Avery Brewing Liliko'i Kepolo for all of you).

- Gogs, Gitea, and GitLab. Make sure you check out last episode for the lead-in for this!
 - Gogs
 - Not very well-maintained...
 - The documentation is terrible.
 - Tells user to use wget, but curl (not wget) is part of basic CentOS install.
 - Has you install e.g. Nginx from upstream Nginx repo, but **it's in EPEL**.
 - Their provided Nginx configuration snippet does not work — at all.
 - Why don't they run the actual application on a well-known alternate HTTP port like 8080?
 - Lacks some features that makes things less painful for user self-configuration/customization.
 - Gogs doesn't even host their own code **on their product**. Their primary public repository for their source code is... on GitHub.
 - Tries **way** too hard to be (like) GitHub, right down to the interface.
 - LDAP support is fairly weak.
 - Poor non-FHS-standard packaging.
 - Gitea
 - No longer offer **any** packages (no RPM, no DEB, etc.).
 - Many of the same gripes as Gogs (since it's a fork), especially with their docs (some of it is just flat-out WRONG).
 - But it **DOES** have some additional features.
 - TONS of (serious) security issues/incidents!
 - Shame it didn't even work. **F-!**

- GitLab
 - VERY competent competitor for GitHub in terms of features while still maintaining its own independence and feel.
 - We all like it the best of the three, BUT...
 - It's a **beast** and requires a larger amount of system resources than may be appropriate for your organization.
 - But they do offer hosted instances as well.
 - The install docs are probably the best of the three (and the install is the least painful).
 - They get points docked for having users blindly pipe curl to bash, using a script to configure a repository instead of just distributing an RPM to configure a repository (or provide a .repo file), AND they get points docked for their RPM quality. They even use Chef **inside the RPM process**, which is absolute madness.
 - They get half a point docked for using pygpgme instead of, you know, the Python GPGME bindings **actually distributed with GnuPG/GPGME libraries**. The script doesn't seem to even require it, which is odd.
- We didn't mention it on-air and didn't evaluate it, but there's also GitBlit which you may want to give a spin.

Sysadministration Award

In this segment, we highlight system administration mistakes. Think of them as the IT equivalent of the Darwin Awards. **(1h02m45s)**

GnuPG was parsing certain strings harmfully, allowing signatures to be spoofed. (It's only possible if you specify --verbose mode).

Errata

- Recorded on a Saturday instead of a Wednesday evening (when we usually record). June and July are ...weird in terms of scheduling for us this year.
- I was packing for SGDQ2018.
- Jthan was preparing for RMGH 2018.
- The Intel i9 that I mention/have is this.
- AMD bought ATI as I self-corrected on-air.
- I am, indeed, sorry. The quantum state of my apology has degraded to a fixed state, and Jthan was indeed correct about S3E8.

Music

Music Credits

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Categories Season Three

Comments

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