

Sysadministrivia

Linux, Lagers, and Late Nights

S6E2: "Environmental Protection"

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Quicklisten:

We talk about environment variables, how they interact, and how processes use them.

Jthan is the human incarnation of online recipes.

- Just the Tip
- Notes
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Just the Tip

- Paden talks about pushd and popd.
 - I also tell the guys about `cd -` (not `cd ~!`).

Notes

Starts at **26m40s**.

I was drinking water. Paden was drinking a Sprite. Jthan was drinking a Glbson.

- Environment variables
 - Jthan briefly mentions the `env` command (`env (1)`)
 - I talk about how to parse `/proc/<PID>/environ` files by splitting on the nullbyte. (e.g. `s.split('\x00')`)
 - A common issue is a missing path from `${PATH}` within a cron task. The `PATH` env var must be specified explicitly in cron jobs! (Also, MAILTO! Info here.)
 - Services can (and frequently **do**) have different environment variables than what you might expect!
 - The `systemd EnvironmentFile` does not do shell or command interpolation! So you can't use something like `export F00="BAR", F00=${BAZ}, or F00=$(quux)`.
 - Take note of `sudo -E!`
 - Jthan mentions prefixing a command with a space to prevent it from being written to the bash history. I mentioned it doesn't work for my laptop or desktop. I **thought** it was because I use a custom `HISTTIMEFORMAT` but it's **actually** because **Arch Linux follows upstream defaults**, and upstream Bash does **not** set `HISTCONTROL` whereas CentOS does! Problem solved.

15 Clams

In this segment, Jthan shares with you a little slice of life. The title is a reference to this video. (2m16s in)

Starts at **54m18s**.

Jthan wants to know what the best approach is for someone who sees improvements that can be made at a new job.

Errata

- Jthan and I talk about the G.I. Joe PSA parodies.
- You can find more info on dash here.
 - And yes, it's "Debian Almquist SHell".

Music

Music Credits

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Categories Season Six

Comments

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