

# Sysadministrivia

## Linux, Lagers, and Late Nights

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# S6E2: "Environmental Protection"

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Comments 0

### Navigation

Previous Episode	Next Episode
S6E1: "A FreSSH View"	S6E3: "Gettin' it Up(dated)"

### Log

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Format	SHA256	GPG	Audio File
MP3	ed99af7301c0b0766803e606a7c517143425e7b7a38c7a18fd7b43b066aedb60	click	click
OGG	c8402c400aa5736c438e7705129e016c1834648aaf79f2fc9356abd737c4c56	click	click

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
- 15 Clams
- Errata
- Music

## 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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Intro	downtowncruise	Erich Schall	click	CC-BY-NC-ND 4.0
Outro	Me, Like A Bird Sick With Pneumothorax	Noi2er	click	CC-BY-NC-ND 4.0

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**Categories** Season Six

# Comments

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