

Swiss Train Deployments





bls Mülenen

Gleis
2

bls cargo
002

465 002-0

Überschreiten der Gleise verboten
Dépasser de traverser les voies
Vidējatākās pasažieru vietas
Do not cross the railway lines

"The Swiss don't run for
trains."

A medium shot of a young man with dark hair, wearing a white t-shirt under a red and grey patterned vest. He is standing in a hallway with vertical beige stripes on the left wall and a floral patterned wallpaper on the right. Several framed pictures are hanging on the striped wall. A small shelf with decorative items is visible between the two walls.

Life moves pretty fast.



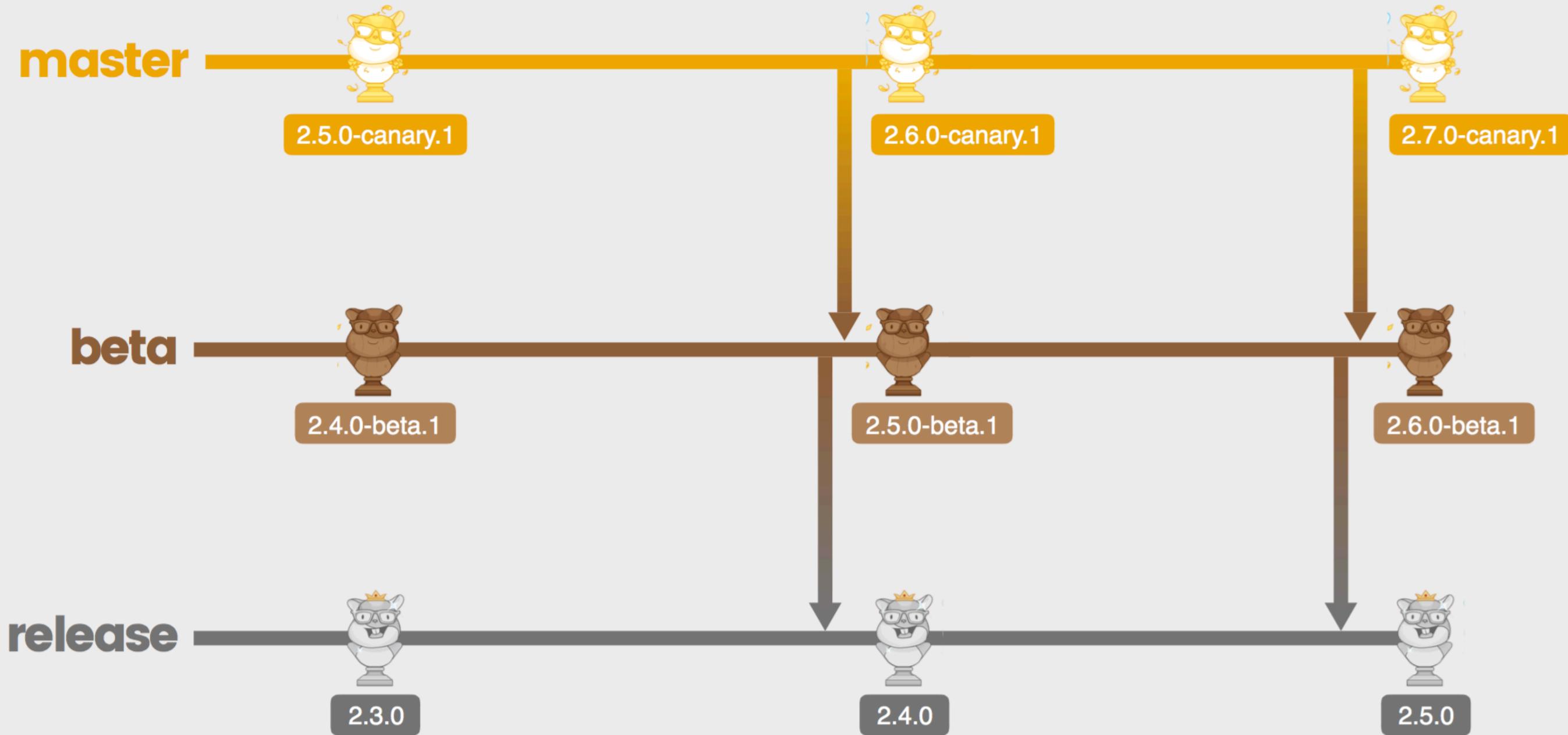
If you don't stop and look around
once in a while, you could miss it.



Stability Without Stagnation

Ship Regularly

- "Release Channels"
 - Canary
 - Beta
 - Release
- "Six-Week Release Cycle"



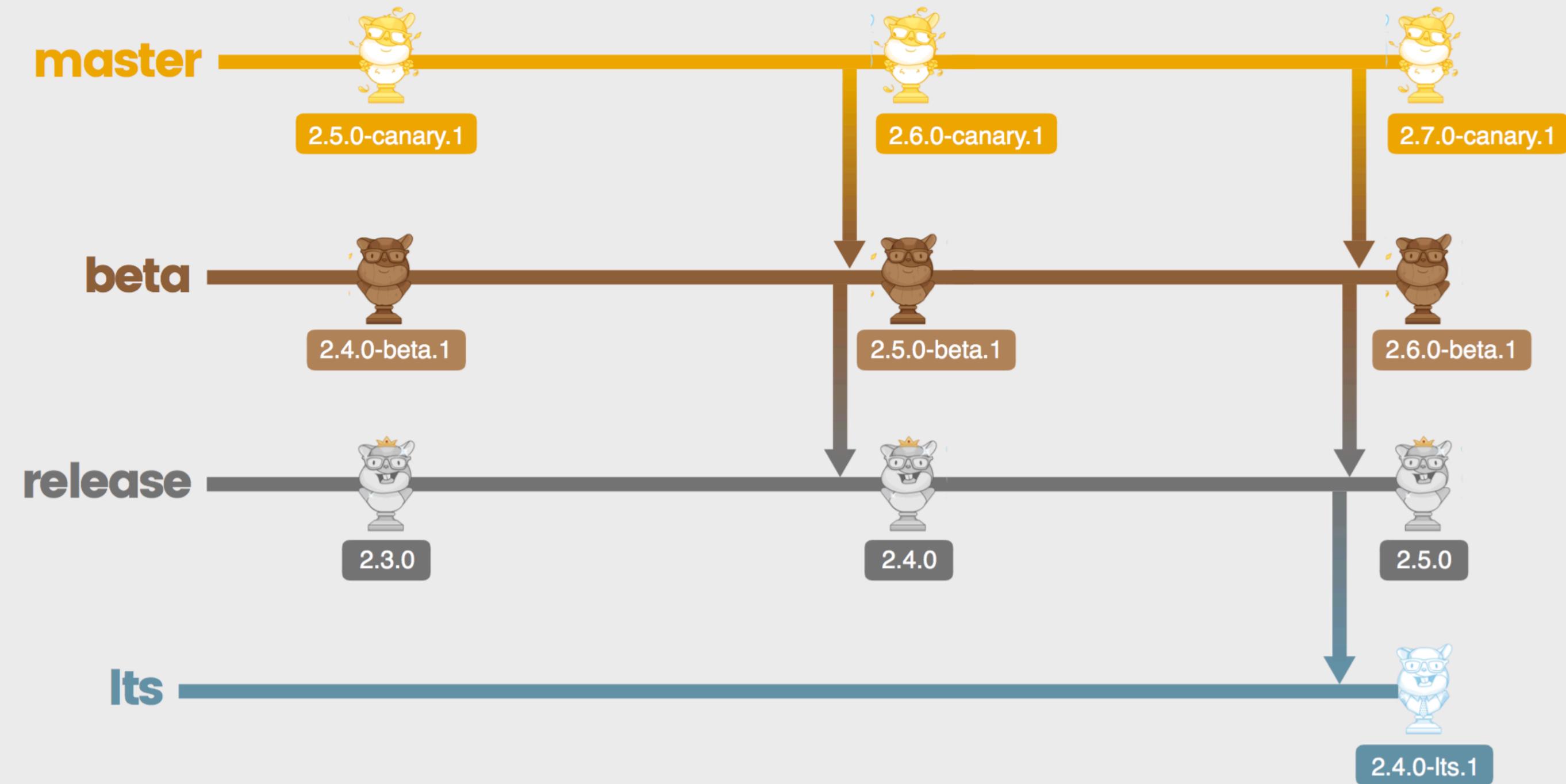
JAN 18

FEB 29

APR 11

Have Multiple "speeds"

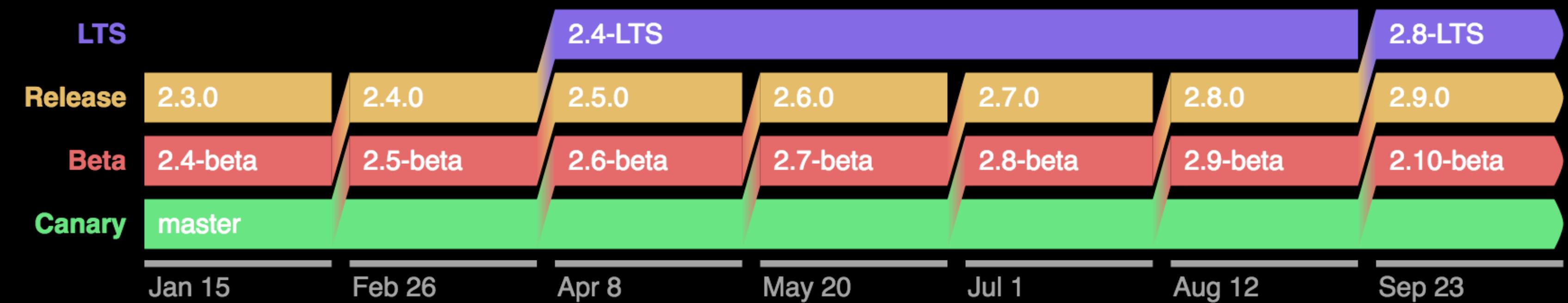
- Canary/Beta/Release - Every 6 weeks
- LTS - Every 4th "release" has additional support



JAN 18

FEB 29

APR 11



From Ember to You

Benefits

- Maintainers (i.e., Management)
- Contributors (i.e., the Geeks Writing the Code)
- Add-on authors & developers (i.e., the Users)

Catch the Next Train



EXIT





Swiss Train Deployments



Swiss Train Deployments

- Requirements:
 - A reasonable VCS;
 - Automation;
 - Features to ship.

Swiss Train Deployments

- Ship each channel regularly;
- Automate releases!

**MOVE
FAST AND
BREAK
THINGS**



We ourselves fell into the
trap of believing the
"move fast and break
things" mantra.

*We thought that if our
competitors had a feature
we didn't, our users would
leave en masse.*

*In fact, it was our instability
that alienated early
adopters. We got a bad
reputation for it. People
criticized us because they
felt burned.*

Users don't migrate over night. You have a much larger window than you think (although not infinite).

**MOVE
FAST WITH
STABLE
INFRA**



**Stability without
Stagnation**

Swiss Train Deployments



A photograph of a train station platform in a mountainous area. A green locomotive with the number "002" and the word "bls cargo" is stopped at the platform. The platform has a modern canopy. In the background, there are several snow-capped mountains under a clear sky.

1. Don't make your users run for a release

A photograph of a modern railway station platform. A green electric locomotive is stopped on the tracks. The platform has a glass roof and a sign indicating track number 2. In the background, there are several snow-capped mountain peaks under a clear sky.

**2. Let them
decide how fast to
get from A to B**

Questions?

Thanks!