

Steering an automation platform: K8s at Wercker



Who is this guy?

Faiq Raza

Computer person @wercker

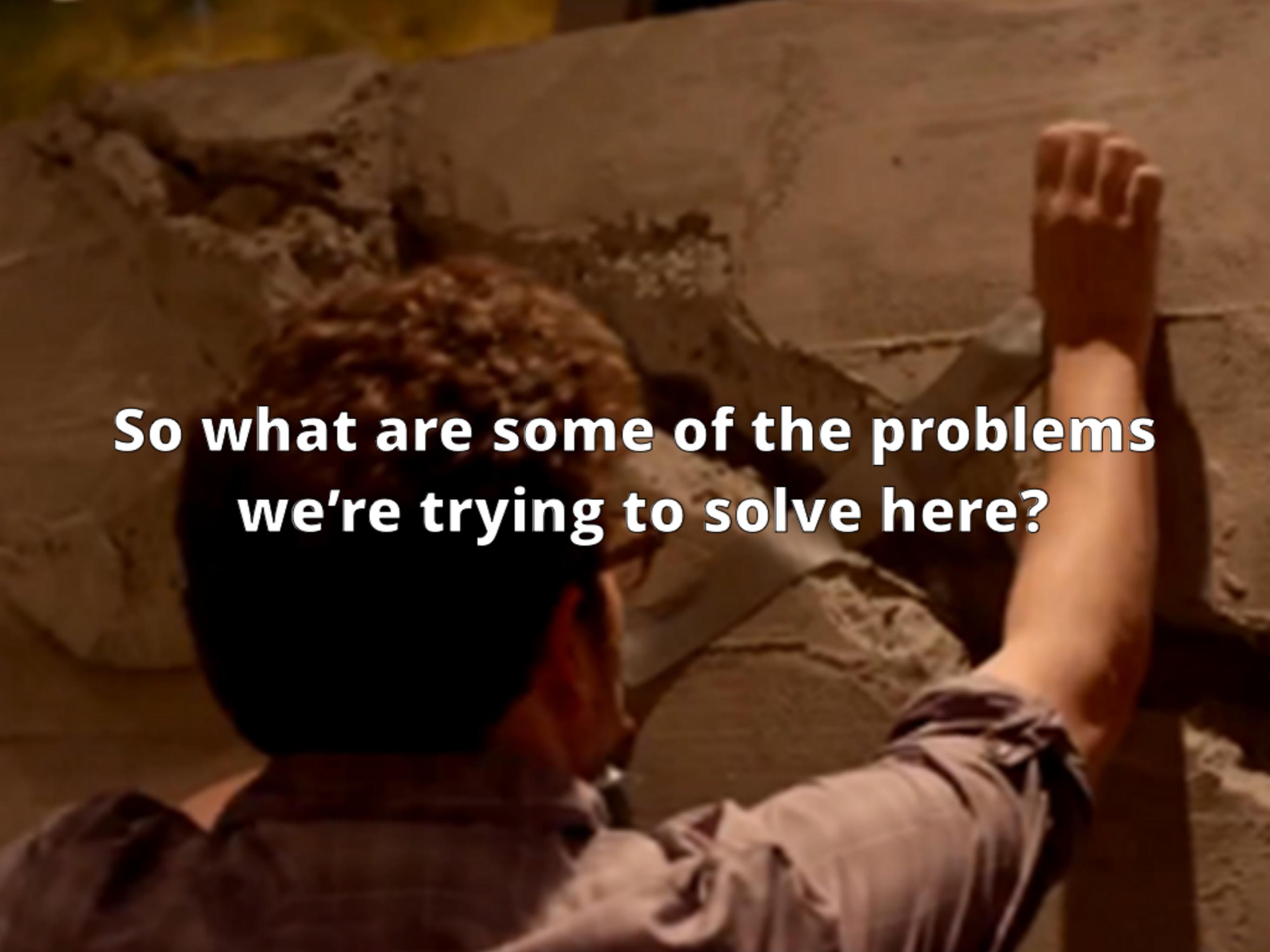


 @faiqus

wercker.com

github.com/wercker

What is Wercker?

A close-up, low-angle shot of two people. One person's arm is raised, with their fist clenched, pointing upwards. The other person is looking up at them. The lighting is dramatic, with strong shadows.

**So what are some of the problems
we're trying to solve here?**



Our humble beginnings...

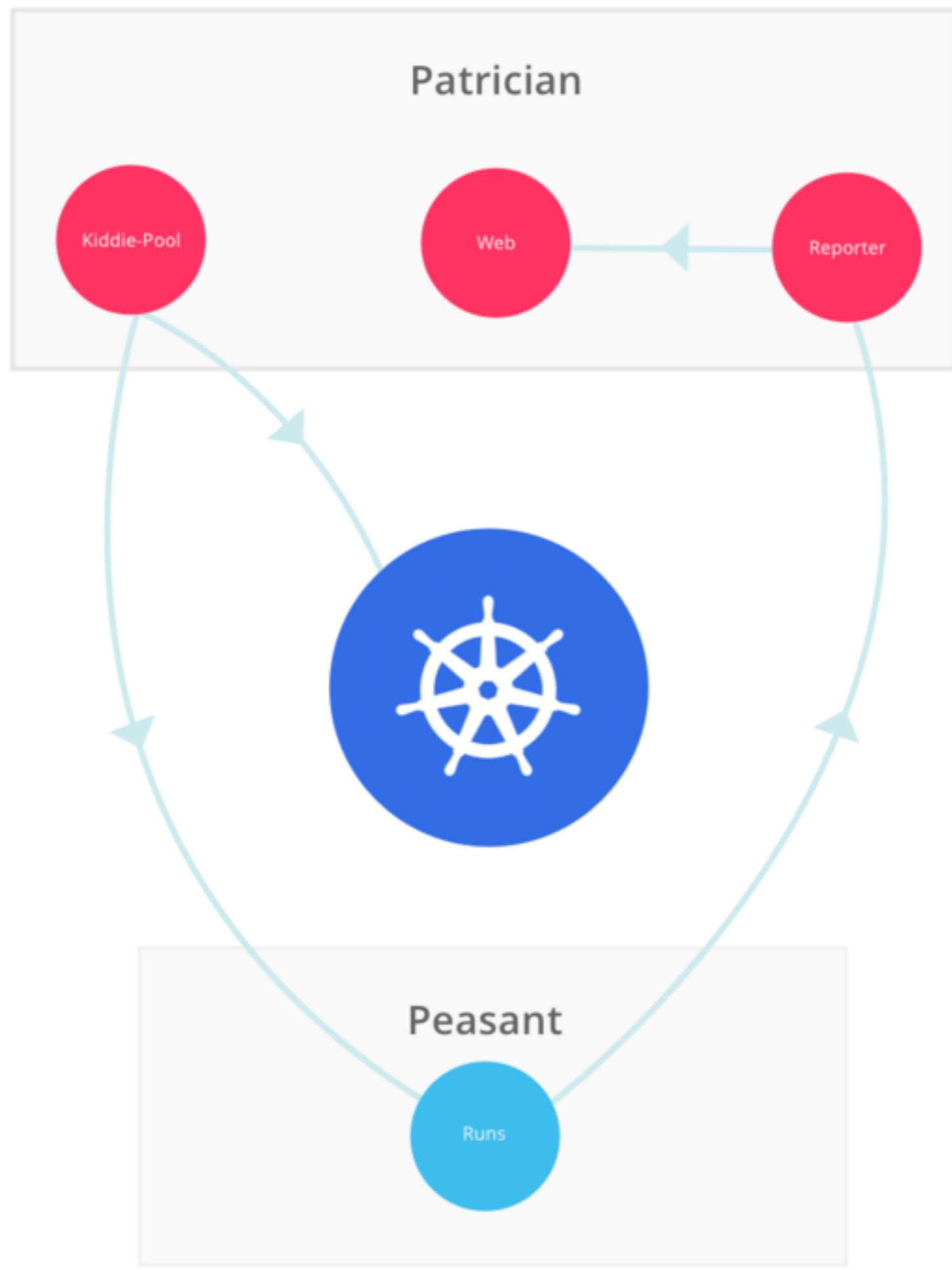
THE SEASONS

FIGURE 2.

We really needed a more robust scheduler
with a higher level scheduling abstractions

A photograph of a building with a pink facade and a white section on the right. The pink part has yellow stylized text. There are several white, teardrop-shaped windows on the white section. Power lines are visible above the building.

Building the initial prototype





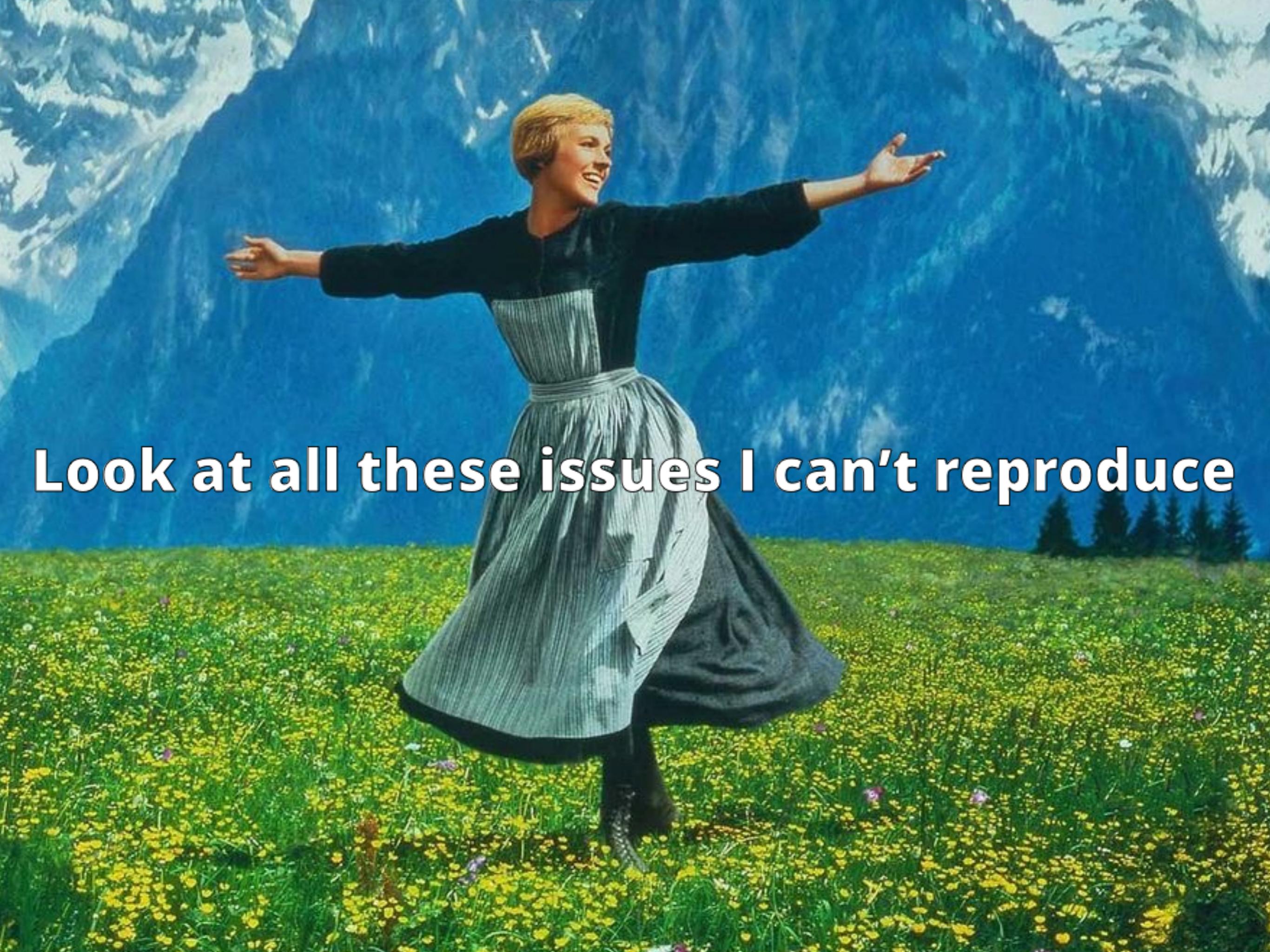
Success



Migrate all the things!



Servers on fire

A woman with blonde hair, wearing a black long-sleeved dress with a full, pleated skirt, is dancing joyfully in a field of yellow flowers. She has her arms wide open and is smiling. The background features a majestic range of blue and white mountains under a clear sky.

Look at all these issues I can't reproduce

[Code](#)[Issues 366](#)[Pull requests 0](#)[Pulse](#)[Graphs](#)

docker ps hangs #965

Closed rwky opened this issue on Nov 4, 2015 · 35 comments

[New issue](#)

docker ps command hangs on CoreOS with Docker version 1.10.1 and overlay storage driver #20871

Open gopinatht opened this issue on Mar 2 · 23 comments

[New issue](#)

Docker Daemon Hangs under load #13885

Open mjsalinger opened this issue on Jun 11, 2015 · 128 comments

[New issue](#)

docker ps and attach hang #22488

Closed jeremy-rutman opened this issue on May 3 · 14 comments

[New issue](#)

[1.11.0] Possible deadlock on container object #22124

Closed tonistiigi opened this issue on Apr 18 · 25 comments

A close-up photograph of a silver-colored smartphone lying face down on a surface. The phone is completely engulfed in intense orange and yellow flames, with thick black smoke billowing from the top edge. The background is dark, making the bright fire stand out.

Have you considered turning it on then off again???

A photograph of a white pickup truck engulfed in bright orange flames, with thick black smoke billowing upwards. A firefighter in full yellow turnout gear and a oxygen tank is standing on the right side of the road, spraying a stream of water onto the burning vehicle. The background shows a lush green forest. The text "More problems with Kubernetes" is overlaid in large, bold, white letters.

More problems with Kubernetes

A wide-angle photograph of a lavender field. The foreground is filled with dense, vibrant purple lavender plants. In the middle ground, a line of dark green trees marks the horizon. Above them, the sky is a bright, clear blue, dotted with large, fluffy white clouds.

Now that everything is running smoothly...

Some Links!!!

We're also hiring :)

CLI: github.com/wercker/wercker

Cronetes: github.com/wercker/cronetes

 **@wercker**

Website: wercker.com