# ADEKOLIDES. FULLOLIDE DECK VII BE UPLOADED AFTER THE TALK VII Making kubectl plugins mainstream & awesome

TEASER SLIDES. FULL SLIDE DECK WILL

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#### about me

@ahmetb on {twitter, github}

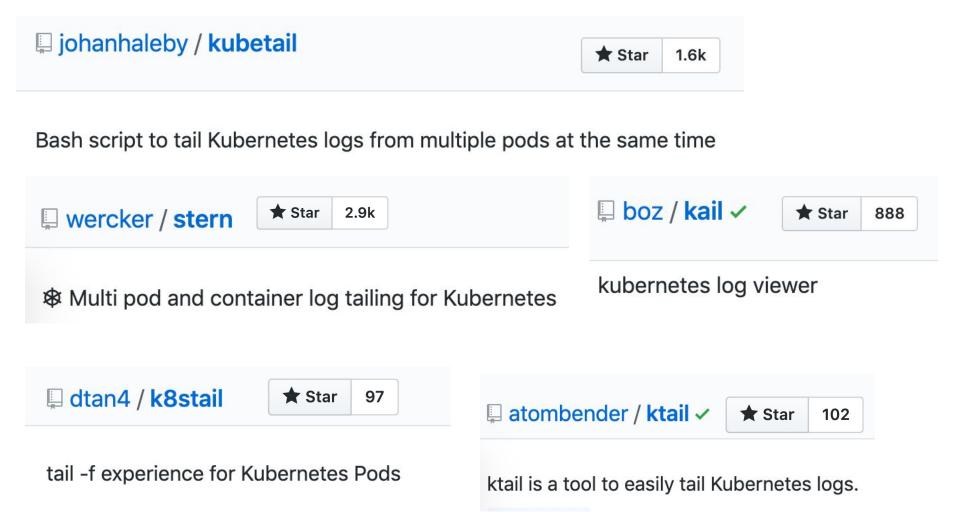
- ➔ docker.exe, docker maintainer ~2015
- → started Azure Container Registry ~2016
- → developer advocate @ Google on GKE ~2017
- → created kubectx/kubens ~2017
- → created/maintaining krew.dev
- $\rightarrow$  working on Cloud Run, Knative, dev tools

#### agenda

- ✓ why do we need kubectl plugins
- ✓ how to develop kubectl plugins
- ✓ packaging and distributing plugins with Krew
- $\checkmark$  recipes for success

### why did we need kubectl plugins?

everybody has opinions about how kubectl should look like and what it should do



reaching consensus in open source is not trivial

## Proposal: make <a href="https://www.kubectl.com/kubectl-kubect

Closed colemickens opened this issue on Jun 13, 2016 · 54 comments

Cole Mickens on Jun 13, 2016 • edited -

I'm curious if there is interest in creating some environment variables (KUBECTL\_CONTEXT and KUBECTL\_NAMESPACE) to make kubectl a bit easier to use when one has multiple clusters configured in ~/.kube/config.

Member

The alternative to these environment variables either require a lot of typing (specify --context and --namespace to all kubectl commands) or requires changing the global context, such that it affects other looping kubectl invocations. Or as I've done so far, wrapper functions in my shell, but I've been unable to setup my environment such that I can have helper functions without breaking the tab completion for kubectl.

Is there interest in this? Or asked differently, would such a PR be accepted?



#### Join us for more:

## Thu Nov 21,11:50 Room 14AB