

TEASER SLIDES. FULL SLIDE DECK WILL  
BE UPLOADED AFTER THE TALK :)

# Making kubectl plugins mainstream & awesome

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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
- 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
- ✓ recipes for success

why did we need  
kubectl plugins?

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

 [johanhaleby / kubetail](#)

★ Star

1.6k

Bash script to tail Kubernetes logs from multiple pods at the same time

 [wercker / stern](#)

★ Star

2.9k

 [boz / kail](#) ✓

★ Star

888

⊗ Multi pod and container log tailing for Kubernetes

kubernetes log viewer

 [dtan4 / k8stail](#)

★ Star

97

tail -f experience for Kubernetes Pods

 [atombender / ktail](#) ✓

★ Star

102

ktail is a tool to easily tail Kubernetes logs.

reaching  
consensus in  
open source  
is not trivial

# Proposal: make `kubectl` respect `KUBECTL_{CONTEXT,NAMESPACE}` environment variables

 Closed

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

 Cole Mickens on Jun 13, 2016 • edited ▾

Member +  ...

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` .

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?



165



7



15



**Join us for more:**

**Thu Nov 21, 11:50**

**Room 14AB**