

VMware Tanzu

tailored for Devs (team 7)

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Why "tailored for devs" ?

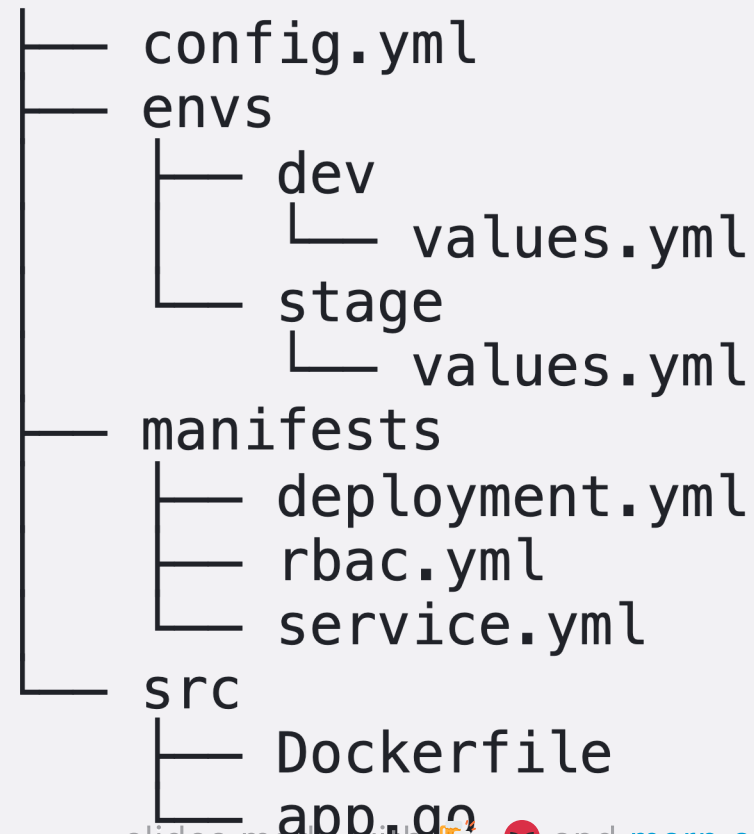
- Developers need a palygroud...
- ... not too much different that produciton
- Tanzu locally is not feasible
- ... so let's make it!!

General idea

1. developer on its local machine can run its code
(possibly *in* container)
2. developer can `git push` its work without (many) changes
3. (hopefully) the platform would run the software at scale

Ingredients

1. (*opinionated*) directory structure



Ingredients (cont'd)





2. The right combination of tools

```
ytt -f manifests/ -f envs/stage/values.yml \  
  | kbld -f config.yml -f- \  
  | kapp deploy -a demo-app -c -y -f-
```

Demo

🙏 *Please demo God be kind with me* 🙏

Output

1. developer on its local machine can run its code (possibly *in* container) 
2. developer can `git push` its work without (many) changes 
3. (hopefully) the platform would run the software at scale  

“ Would have introduced `imgpkg` tool and `kapp controller` to bring into actual Tanzu ”

Lesson learned

- Making quick slides (thank you markdown!)
- Everything can be done with the right amount of beer
- **IPA** is what can be generally considered "*beer*"

and last but not least...

- Carvel suite (kapp, kbld, ytt, kctrl, imgpkg, vendir) is amazing!

Thank you

All the material available on Github:

<https://github.com/manuelcoppotelli/code-hackaton-2023>