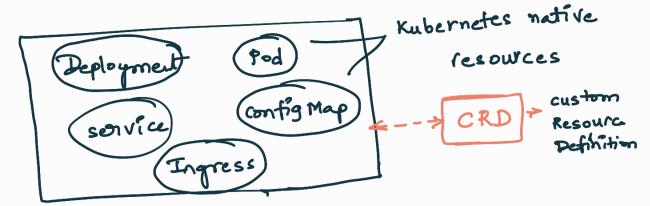
# Kubernetes In 30 Days challenge:-

custom Resource Definition (CRD)



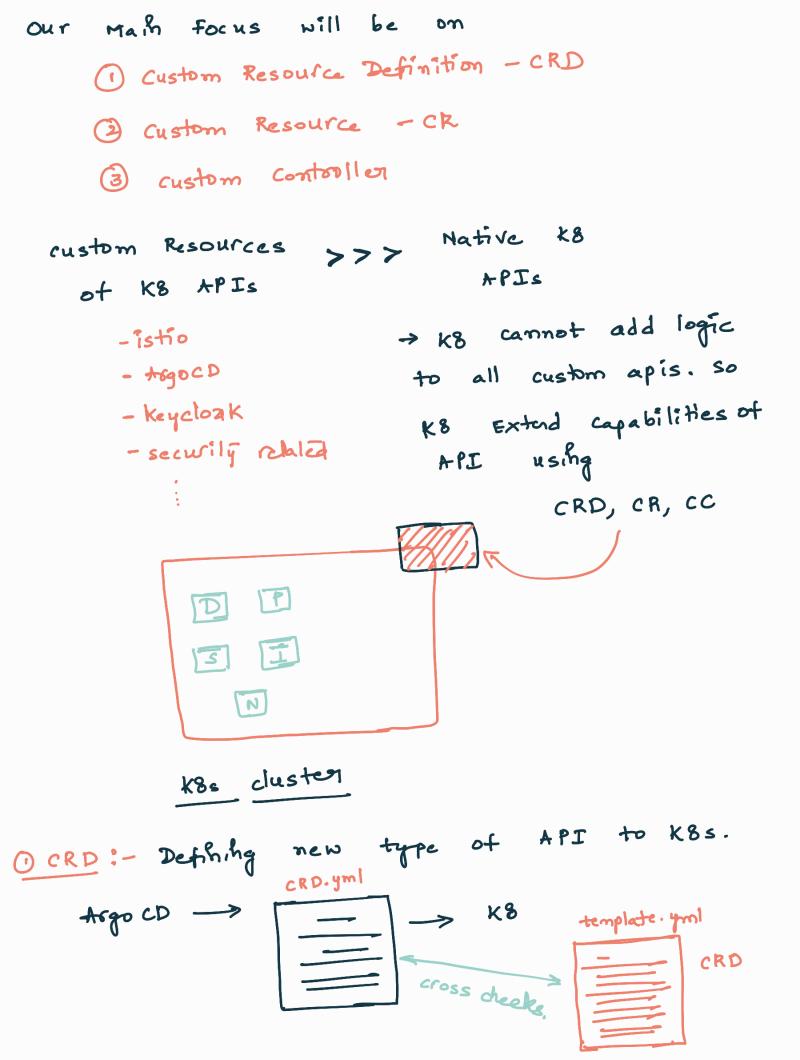
To Extend the functionality of kubernetes with API's. Kubernetes allows you to use them. it is called custom Resource Definition.

For Example, It we want to extend security features of kubernetes you can implement any custom API to extend the tunctionality of kubernetes.

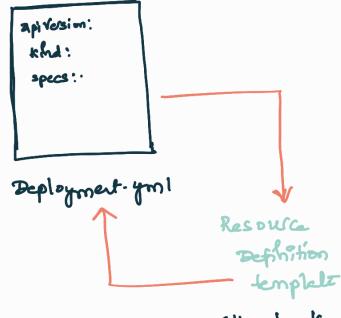
There are two entities/people who should act to these CRDs. they are:

- 1) Der Ops Engineer
- 2 User

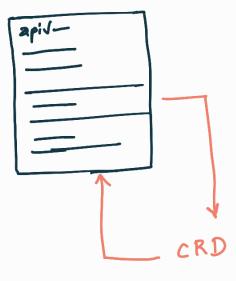
Ex:- Flux, togo CD, key clock etc.



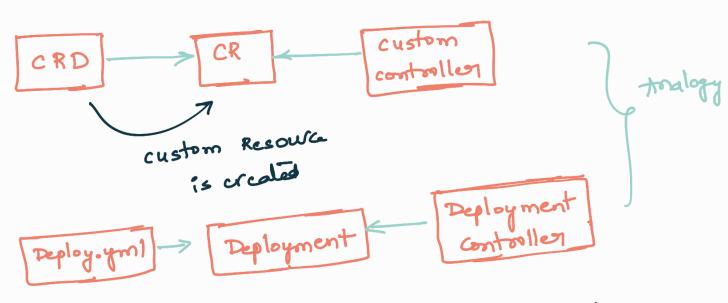
## YAML



K8 will check whether Deploy.yml "is upto standard.



Here CRD Will
be std template
7+11 validated against
CRD template.

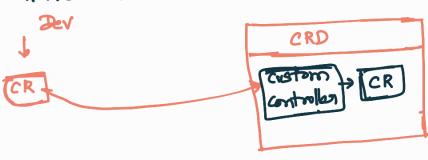


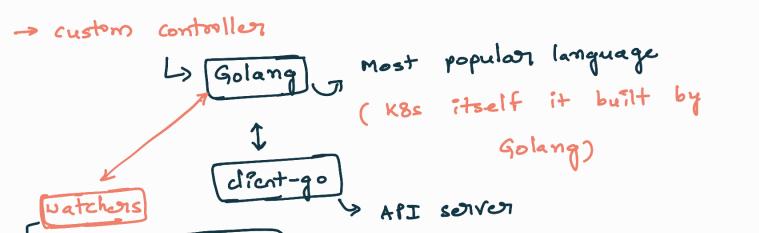
This CR will be created inside cluster.

It'll have the custom controller.

Der

CRD





Use Respective installation documentation to hstall the custom controller. It'll vary with the tool your using.

run time

( Now it supposts most

languages)

Deploying of CR, CRD and custom controller is a responsibility of Devops Engineer and.

Managing of it is also a part of it.