

CKA/CKAD : Complete Certification Guide

CRDs YAML Overview



```
apiVersion: apiextensions.k8s.io/v1
kind: CustomResourceDefinition
metadata:
  name: crontabs.stable.example.com
spec:
  group: stable.example.com
  versions:
    - name: v1
      served: true
      storage: true
      schema:
        openAPIV3Schema:
          type: object
          properties:
            spec:
              type: object
              properties:
                cronSpec:
                  type: string
                image:
                  type: string
                replicas:
                  type: integer
          scope: Namespaced
  names:
    plural: crontabs
    singular: crontab
    kind: CronTab
    shortNames:
    - ct
```

Defines apiVersion of CustomResourceDefinition.

name must match the spec fields below, and be in the form:
<plural>.<group>

group name to use for REST API: /apis/<group>/<version>

list of versions supported by this CustomResourceDefinition

Each version can be enabled/disabled by Served flag.

plural name to be used in the URL:
/apis/<group>/<version>/<plural>

singular name to be used as an alias on the CLI and for display

kind is normally the CamelCased singular type. Your resource manifests use this.

shortNames allow shorter string to match your resource on the CLI

Thank You...

Don't be the Same! Be Better!!!
