



CUSTOM RESOURCE DEFINITIONS

Custom Resource Definitions

Configuration Example

```
apiVersion: apiextensions.k8s.io/v1
kind: CustomResourceDefinition
metadata:
  name: backups.stable.linear.com
spec:
  group: stable.linear.com
  version: v1
  scope: Namespaced
  names:
    plural: backups
    singular: backup
    shortNames:
      - bks
  kind: Backup
```

Click on the boxes to learn more about each field in the example above.

Explanation of Configuration Fields

apiVersion

Close ^

This should match the current level of stability, which is **apiextensions.k8s.io/v1**.

kind: CustomResourceDefinition

Close ^

The object type being inserted by the kube-apiserver.

name: backups.stable.linear.com

Close ^

The name must match the **spec** field declared later. The syntax must be **<plural name>.<group>**.

group: stable.linux.com

[Close ^](#)

The group name will become part of the REST API under **/apis/<group>/<version>** or **/apis/stable/v1** in this case with the version set to v1.

scope

[Close ^](#)

Determines if the object exists in a single namespace or is cluster-wide.

plural

[Close ^](#)

Defines the last part of the API URL, such as **apis/stable/v1/backups**.

singular and shortNames

[Close ^](#)

They represent the name displayed and make CLI usage easier.

kind

[Close ^](#)

A CamelCased singular type used in resource manifests.