

code-generator

Golang code-generators used to implement Kubernetes-style API types.

Purpose

These code-generators can be used - in the context of CustomResourceDefinition to build native, versioned clients, informers and other helpers - in the context of User-provider API Servers to build conversions between internal and versioned types, defaulters, protobuf codecs, internal and versioned clients and informers.

Resources

- The example sample controller shows a code example of a controller that uses the clients, listers and informers generated by this library.
- The article [Kubernetes Deep Dive: Code Generation for CustomResources](#) gives a step by step instruction on how to use this library.

Compatibility

HEAD of this repo will match HEAD of [k8s.io/apiserver](#), [k8s.io/apimachinery](#), and [k8s.io/client-go](#).

Where does it come from?

`code-generator` is synced from <https://github.com/kubernetes/kubernetes/blob/master/staging/src/k8s.io/code-generator>. Code changes are made in that location, merged into `k8s.io/kubernetes` and later synced here.