

This survey is closed. Thanks to those of you that contributed!

Apply Generated Client Survey Instructions

Thanks for helping us test our client library support for Apply. Below are step by step instructions to try out our prototypes both for CRDs (via Kubebuilder) and Kubernetes builtin types (via client-go).

Please let us know how it went via the [Apply Generated Client Survey Google Form](#). See the [KEP](#) for more details about why we are making these changes.

Step by Step Instructions

If you are a Kubebuilder user / CRD developer, please follow the "Kubebuilder Apply Client" instructions. If you are a client-go user / Kubernetes builtin type developer, please follow the "client-go Apply Client" instructions.

client-go Apply Client

- Checkout the Kubernetes prototype [branch with the generated apply "builders"](#)
 - (note that we also have a [branch with generated apply "structs with pointers"](#), but are currently focusing on the builder approach since it is required for a few [important workflows](#))
- Try using the [generated apply types](#) and the newly added Apply functions on client-go's typed client to do something useful.
 - If you don't have anything specific you'd like to try, consider one of these:
 - Try to migrate the [cluster role aggregator](#) controller to apply
 - Add a integration test to test/integration/client/client_test.go that does something simple with apply ([example](#))
- Submit your [feedback](#)

Kubebuilder Apply Client

- Checkout the controller-tools [prototype branch for generating ApplyConfigurations](#)
- Checkout the controller-runtime [prototype branch for using the SSA typed client](#)

- An example of a client can be found in the controller-runtime/examples/applyconfig directory
- Play around with the Apply function, with a focus on the builders approach (the structs are exposed, but may be hidden in the future since the builders are required for a few [important workflows](#))
- Any changes made to the type in the examples must be regenerated. To regenerate the files, the controller-tools binary must be rebuilt from the prototype branch.
 - In the controller-tools directory, run ``go build ./cmd/controller-gen``
 - Run ``go generate .`` in the api/v1 directory
- Submit your [feedback](#)

