

How the Rancher App Catalog Works

Unit 5.5.1



How the Catalog Works

The Rancher Application Catalog integrates Helm and Rancher Apps into a workflow that makes it easy for users to deploy and upgrade applications in their Kubernetes clusters.

When a user requests that Rancher launch an app, Rancher launches an ephemeral instance of a Helm service account with the permissions of the requesting user. This prevents a user from acquiring any greater privileges through Helm or an app they are deploying.

Once a Helm repository, known as a Catalog, is added to Rancher, its apps become available for installation at the corresponding scope.

Rancher refreshes the catalogs automatically at a fixed interval.

References

Catalog, Helm Charts, and Apps -

<https://rancher.com/docs/rancher/v2.x/en/catalog/>

Helm Documentation - <https://helm.sh/>