

## Projectsveltos

Declarative Kubernetes Add-on and Application Management

### What is Projectsveltos?

Projectsveltos is a powerful open-source project that enables declarative lifecycle management of Kubernetes add-ons, configurations, and applications across multiple clusters - whether they are running **on-premises, in the cloud, across different cloud providers, or in hybrid environments**.

### Key Features

- **Declarative API:** Define intent using Kubernetes CRs in the management cluster, no custom scripts.
- **Multi-Cluster Support:** Manage add-ons and policies across many Kubernetes clusters.
- **Policy Management:** Enforce security and compliance via native constructs.
- **Dynamic Targeting:** Apply configurations based on cluster labels.
- **Event Framework:** Watch for events in any cluster and respond by deploying applications or add-ons.
- **Templating:** Express applications and add-ons as templates. Fetch data from management or managed clusters and instantiate templates with live values.
- **GitOps Integration:** Integrate with **Flux** to support GitOps workflows. It can retrieve and apply data from any Flux Source, enabling seamless configuration management across clusters.

### Who Is It For?

Platform Engineers, SREs, and DevOps teams managing multi-cluster Kubernetes environments.

### Get Involved

GitHub: [github.com/projectsveltos](https://github.com/projectsveltos)

LinkedIn: [linkedin.com/company/projectsveltos](https://linkedin.com/company/projectsveltos)

Slack: [projectsveltos.slack.com](https://projectsveltos.slack.com)

### Why Projectsveltos?

Built for flexibility and scalability. Manage Kubernetes cluster configurations securely, repeatably, and declaratively.