

Kubeflow Repositories

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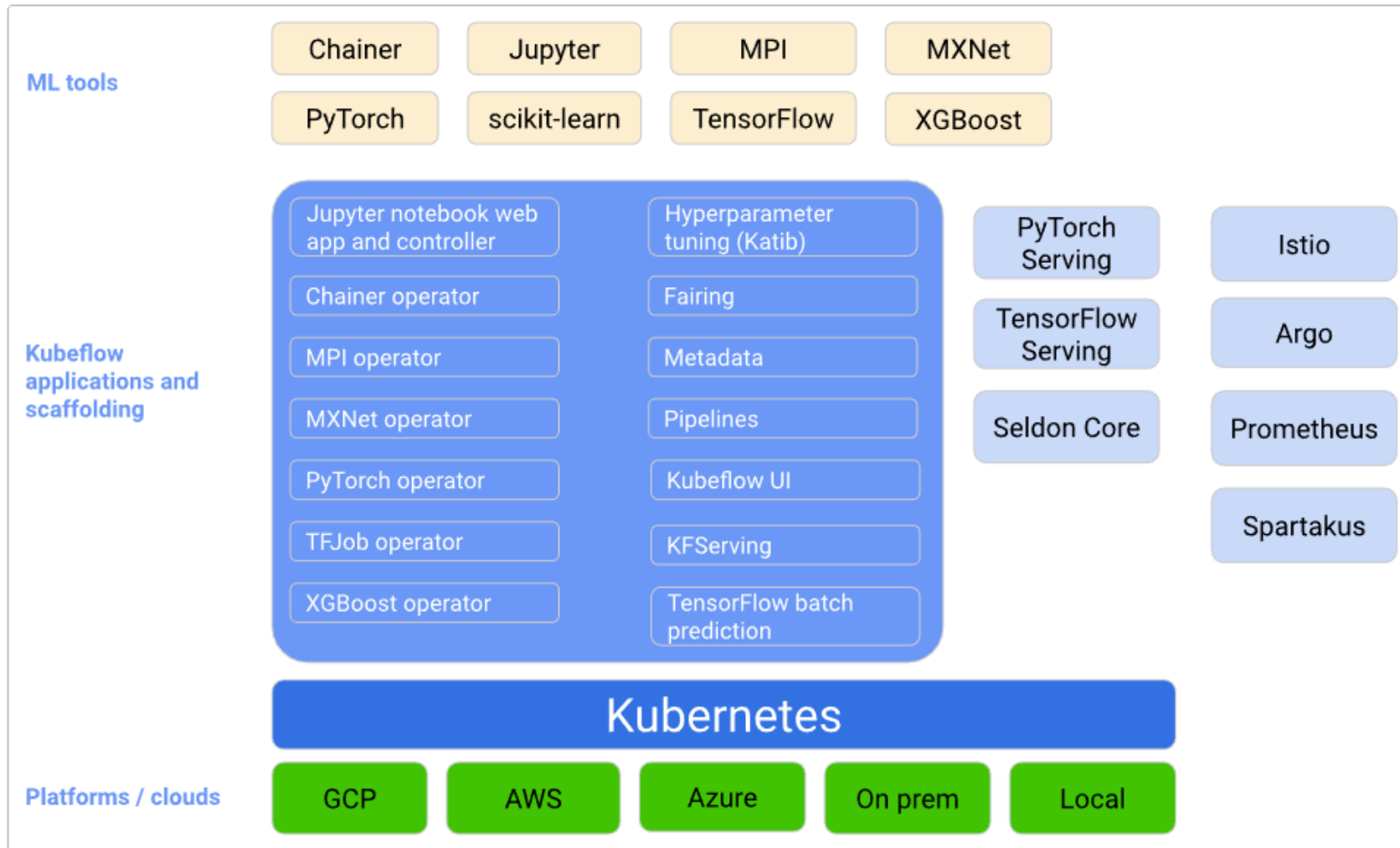
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- Kubeflow is an open, community driven project to make it easy to deploy and manage an ML stack on Kubernetes
 - <https://kubeflow.org>
- Kubeflow org (github.com/kubeflow) is a collection of many repositories





<https://www.kubeflow.org/docs/started/kubeflow-overview/>



- [kubeflow](#) – machine learning toolkit for Kubernetes
 - Main repo, provides access management, central dashboard, jupyter web app, notebook controller, profile controller and more cloud native deployments and services
 - [website](#) – Kubeflow's public website
 - Documentation
 - [community](#) – information about the Kubeflow community including proposals and governance information
 - [examples](#) – a repository to host extended examples and tutorials
 - end-to-end, component-focused and demos
 - [code-intelligence](#) – ML-powered developer tools, using Kubeflow
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- [manifests](#) – a repository for Kustomize manifests
 - Kubeflow installs with Kustomize, this repo provides KfDef manifests containing the Kustomize applications
 - [kfctl](#) – a CLI for deploying and managing Kubeflow
 - Build, deploy and manage Kubeflow



- [metadata](#) – repository for assets related to Metadata
 - Tracking and managing metadata of machine learning workflows
 - Includes info about executions, models, datasets and other artifacts
 - [testing](#) – test infrastructure and tooling for Kubeflow
 - [common](#) – common APIs and libraries shared by other Kubeflow operator repositories
 - Common controller code helpers for operators generated by kube-builder or operator-sdk
 - [frontend](#) – repository for Kubeflow frontend
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- [pipelines](#) – machine learning pipelines for Kubeflow
 - Reusable end-to-end ML workflows built using the Kubeflow Pipelines SDK
 - Workflow engine through Argo, Pipelines SDK and UI
 - [kfp-tekton](#) – experimental project exploring Tekton and KFP integration
 - Kubeflow Pipelines with Tekton



- [tf-operator](#) – tools for ML/Tensorflow on Kubernetes
 - [mpi-operator](#) – Kubernetes operator for allreduce-style distributed training
 - [mxnet-operator](#) – a Kubernetes operator for mxnet jobs
 - [pytorch-operator](#) – tools for ML/Tensorflow on Kubernetes
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- [katib](#) – repository for hyperparameter tuning
 - [fairing](#) – Python SDK for building, training, and deploying ML models
 - [kfserving](#) – serverless inferencing on Kubernetes
 - Others

