ZenML 🙏 Cheat Sheet

Essential ZenML CLI commands in one place!

Setting Up

zenml init	Initialize a ZenML workspace.
zenml version	Show installed ZenML version.
zenml go	Opens ZenBytes.

zenml integration

zenml integration list	List all integrations.
zenml integration install pytorch	Install PyTorch integration.
zenml integration uninstall sklearn	Uninstall Scikit-learn integration.

zenml example

zenml example list	Lists all examples.
zenml example run quickstart	Runs the quickstart example.

zenml <STACK_COMPONENT>

zenml model-deployer list	List all registered model deployer stack component.
zenml model-deployer describe	Show details for the model deployer stack component.
zenml experiment-tracker register mlflow_tracker --flavor=mlflow	Register the mlflow experiment tracker as a stack component.
zenml experiment-tracker delete myexptracker	Delete registered experiment tracker named myexptracker.

zenml profile

zenml profile create myzenprofile	Create a profile with the name myzenprofile.
zenml profile set myzenprofile	Set the active profile to myzenprofile.

zenml stack

zenml stack set mystackname	Set the mystackname as the active stack.
zenml stack list	List all stacks.
zenml stack describe	Describe the current active stack.

zenml stack get	Get the active stack.
zenml stack up	Provision resources for the active stack.
zenml stack down	Suspend resources for the active stack.

zenml stack copy mycurrentstack mynewstack	Copy mycurrentstack stack to mynewstack.
zenml stack rename oldstackname newstackname	Rename a stack from oldstackname to newstackname.
zenml stack delete myoldstack	Delete myoldstack.

zenml stack export mystack.yaml	Export a stack to a YAML file.
zenml stack import mystack.yaml	Import a stack from a YAML file.
zenml stack recipe deploy myrecipename	Deploys a recipe called myrecipename.

zenml secret

zenml secrets-manager secret register example_secret --example_secret_key=example_secret_value	Create a secret called example_secret which contains a single key-value pair: {example_secret_key: example_secret_value}.
zenml secrets-manager secret delete example_secret	Delete the secret called example secret.
zenml secrets-manager secret get example_secret	Get a secret called example_secret.
zenml secrets-manager secret list	List all secrets.

zenml model-deployer models

zenml model-deployer models list	Get a list of all served models within the model-deployer stack component.
zenml model-deployer models start 5vje341b-125g	Start a model server with UUID 5vje341b-125g.
zenml model-deployer models describe 5vje341b-125g	Describe a served model with the UUID 5vje341b-125g.
zenml model-deployer models get-url 5vje341b-125g	Get the prediction URL of a model server with UUID 5vje341b-125g.
zenml model-deployer models stop 5vje341b-125g	Stop a model server with UUID 5vje341b-125g.
zenml model-deployer models delete 5vje341b-125g	Delete a model server with UUID 5vje341b-125g.