



Cheat Sheet



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Essential ZenML CLI commands in one place!

Setting Up	
<code>zenml init</code>	Initialize a ZenML workspace.
<code>zenml version</code>	Show installed ZenML version.
<code>zenml go</code>	Pulls and opens the Quickstart example in a notebook.

Integrations	
<code>zenml integration list</code>	List all integrations.
<code>zenml integration install pytorch</code>	Install PyTorch integration.
<code>zenml integration uninstall sklearn</code>	Uninstall Scikit-learn integration.

Examples	
<code>zenml example list</code>	Lists all examples.
<code>zenml example run quickstart</code>	Runs the Quickstart example.

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

Profiles	
<code>zenml profile create myzenprofile</code>	Create a profile with the name myzenprofile.
<code>zenml profile set myzenprofile</code>	Set the active profile to myzenprofile.

Stacks	
<code>zenml stack set mystackname</code>	Set the mystackname as the active stack.
<code>zenml stack list</code>	List all stacks.
<code>zenml stack describe</code>	Describe the current active stack.
<code>zenml stack copy mycurrentstack mynewstack</code>	Copy mycurrentstack stack to mynewstack.
<code>zenml stack rename oldstackname newstackname</code>	Rename a stack from oldstackname to newstackname.
<code>zenml stack delete myoldstack</code>	Delete myoldstack.
<code>zenml stack get</code>	Get the active stack.
<code>zenml stack up</code>	Provision resources for the active stack.
<code>zenml stack down</code>	Suspend resources for the active stack.
<code>zenml stack export mystack.yaml</code>	Export a stack to a YAML file.
<code>zenml stack import mystack.yaml</code>	Import a stack from a YAML file.
<code>zenml stack recipe deploy myrecipename</code>	Deploys a recipe called myrecipename.

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

Deployed Models	
<code>zenml model-deployer models list</code>	Get a list of all served models within the model-deployer stack component.
<code>zenml model-deployer models start 5vj341b-125g</code>	Start a model server with UUID 5vj341b-125g.
<code>zenml model-deployer models describe 5vj341b-125g</code>	Describe a served model with the UUID 5vj341b-125g.
<code>zenml model-deployer models get-url 5vj341b-125g</code>	Get the prediction URL of a model server with UUID 5vj341b-125g.
<code>zenml model-deployer models stop 5vj341b-125g</code>	Stop a model server with UUID 5vj341b-125g.
<code>zenml model-deployer models delete 5vj341b-125g</code>	Delete a model server with UUID 5vj341b-125g.

Annotations	
<code>zenml annotator up</code>	Spins up the annotation server.
<code>zenml annotator dataset list</code>	List available datasets.
<code>zenml annotator dataset stats my_cats_dataset</code>	Show stats on my_cats_dataset.
<code>zenml annotator dataset annotate my_dogs_dataset</code>	Launch annotation interface for my_dogs_dataset.