



# ZenML

## Cheat Sheet

Essential guide to ZenML CLI commands in one place

# Setting Up

Command	Description	Example
zenml init	Initialize a ZenML workspace. This creates .zen folder in the current directory.	
zenml version	Show installed ZenML version.	
zenml profile create <PROFILE NAME>	Create a profile with the name <PROFILE NAME>.	zenml profile create profilename
zenml profile set <PROFILE NAME>	Set the active profile to <PROFILE NAME>.	zenml profile set profilename

# Example

Command	Description	Example
zenml go	Spins up a Jupyter notebook to showcase how to use ZenML with the quickstart example.	
zenml example list	Lists all examples.	
zenml example pull <EXAMPLE NAME>	Download the <EXAMPLE NAME> into the current directory.	zenml example pull quickstart
zenml example run <EXAMPLE NAME>	Runs the <EXAMPLE NAME>.	zenml example run quickstart

More ZenML examples [here](#).

# Stack

Command	Description	Example
zenml stack set default	Set default stack components	
zenml stack list	List all stacks.	
zenml stack get	Get the active stack.	
zenml stack describe	Describe the current active stack.	
zenml stack up	Provisions resources for the active stack.	
zenml stack down	Suspends resources for the active stack.	

# Stack

Command	Description	Example
zenml stack export	Exports a stack to a YAML file.	
zenml stack import	Import a stack from a YAML file.	
zenml stack copy <SOURCE> <TARGET>	Copies <SOURCE> stack to <TARGET> stack.	zenml stack copy currentstack newstack
zenml stack rename <CURRENT NAME> <NEW NAME>	Renames a stack from <CURRENT NAME> to <NEW NAME>	zenml stack rename oldstackname newstackname
zenml stack delete <STACK NAME>	Deletes <STACK NAME>	zenml stack delete myoldstack

# Stack

Command	Description	Example
<code>zenml stack register &lt;STACK NAME&gt; -m default -a default -o default</code>	Create a new stack with the name <STACK NAME> using the default metadata store, artifact store and orchestrator.	<code>zenml stack register mydefaultstack -m default -a default -o default</code>
<code>zenml stack set &lt;STACK NAME&gt;</code>	Set stack components to your <STACK NAME>	<code>zenml stack set mycustomstack</code>
<code>zenml stack update &lt;STACK NAME&gt; [OPTIONS]</code>	Update <STACK NAME> with [OPTIONS]. List of available options <a href="#">here</a> .	<code>zenml stack update mycustomstack -d mlflow_deployer</code>

# Integrations

Command	Description	Example
<code>zenml integration install &lt;PACKAGE NAME&gt;</code>	Installs <PACKAGE NAME> for the integration	<code>zenml integration install sklearn</code> OR <code>zenml integration install mlflow pytorch xgboost</code>
<code>zenml integration uninstall &lt;PACKAGE NAME&gt;</code>	Uninstalls <PACKAGE NAME> for the integration	<code>zenml integration uninstall sklearn</code>
<code>zenml integration list</code>	Lists available integrations.	
<code>zenml integration requirements &lt;PACKAGE NAME&gt;</code>	List all requirements for an integration.	<code>zenml integration requirements mlflow</code>

More ZenML integrations [here](#).