LEAN CLI CHEAT SHEET

Local Development, Cloud Backtesting

→ Authentication

lean login
Log in with a QuantConnect account.

lean init
Create an organization workspace.

lean whoami
Display who is logged in.

lean logout
Log out and remove stored credentials.

⚙ Configuration

lean config list
List the configurable options and their current values.

lean config get
Get the current value of a configurable option.

lean config set
Set a configurable option.

lean config unset
Unset a configurable option.

⬚ Projects

lean project-create
Create a new project containing starter code.

lean project-delete
Delete a project on your local machine and in the cloud.

lean cloud pull
Pull projects from QuantConnect to your local drive.

lean cloud push
Push local projects to QuantConnect.

lean library add
Add a custom library to a project.

lean library remove
Remove a custom library from a project.

⛁ Data

lean data download
Purchase and download data from the Dataset Market.

lean data generate
Generate realistic market data.

⚗ Research

lean research
Run a local Jupyter Lab environment using Docker.

▷ Backtests

lean backtest
Backtest a project locally using Docker.

lean cloud backtest
Backtest a project in the cloud.

lean optimize
Optimize a project locally using Docker.

lean cloud optimize
Optimize a project in the cloud.

⚡ Live Trading

lean live
Start live trading a project locally using Docker.

lean live liquidate
Liquidate a specific symbol from the latest local deployment of a project.

lean live stop
Stop a local live trading algorithm.

lean cloud live
Start live trading for a project in the cloud.

lean cloud live liquidate
Stop live trading and liquidate existing positions for a certain project.

lean cloud live stop
Stop live trading a certain project without liquidating existing positions.

lean cloud status
Show the live trading status of a project in the cloud.

☰ Algorithm Results

lean logs
Display the most recent backtest/live/optimization logs.

lean report
Generate a report of a backtest or live trading algorithm.

QUANTCONNECT