

B4 - Computer Numerical Analysis – Trade

B-CNA-410

ai-bot-workspace

Use guide for CryptoTrading





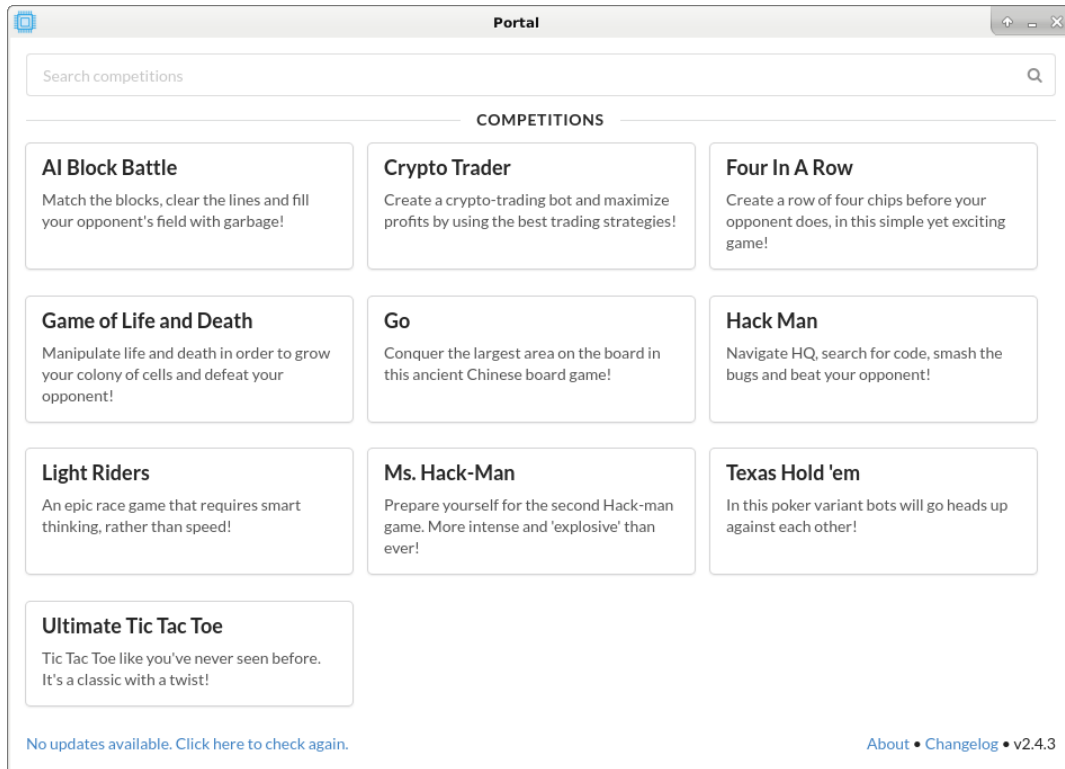
The program `ai-bot-workspace` is the tool you'll use to test your Trade project.

Here's a short guide to get you started.

Download [ai-bot-workspace v2.4.3](#) from GitHub.

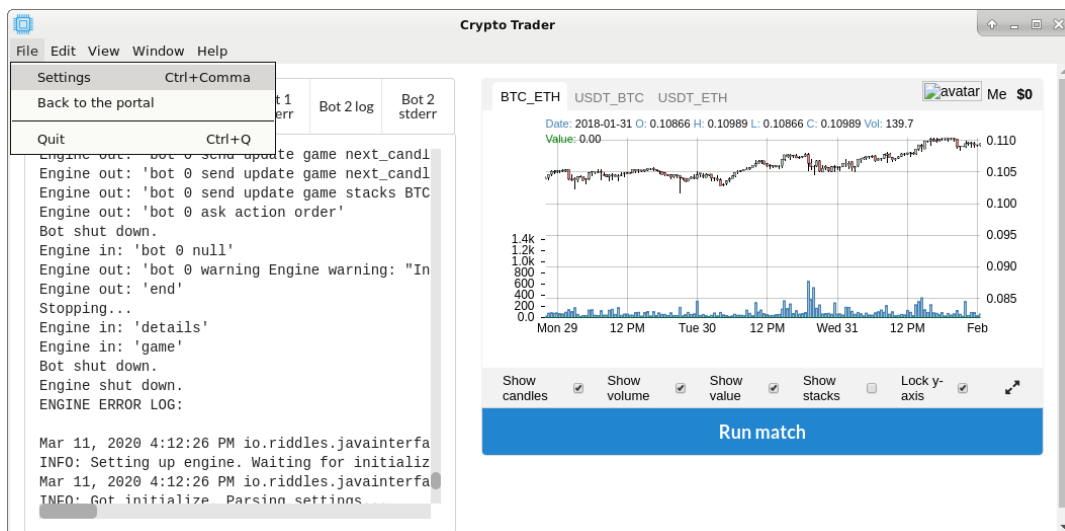
- If you're on linux, use [ai-bot-workspace-2.4.3-x86_64.AppImage](#)

Launch the executables, it'll launch `ai-bot-workspace`'s portal. There select `Crypto Trader`



This will launch the `Crypto Trader` interface and execute your bot. For the first launch, there's no bot, we have to make some configuration.

Go to `File->Settings`.



Here you can change the way your bot is executed (the path to the executable and, if needed, the interpreter to use (java in this example)).



You can also specify the dataset to use (we have provided you with some datasets).

The screenshot shows a 'Settings' window with the following sections and fields:

- Wrapper settings**
 - Max timebank *: 2000
 - Time per move *: 100
 - Max timeouts *: 0
- Bot 1 settings**
 - Name *: My Awesome Bot
 - Command (use absolute paths without spaces) *: `java -jar /home/me/path/to/bot.jar`
- Engine settings**
 - Location of the .csv file with candle data. (leave empty to use the competition's default value): `/home/nau/Downloads/csv/cryptotrader-training-set-1.csv`
 - The amount of time in seconds between each candle in the data file. (leave empty to use the competition's default value): The amount of time in seconds between each candle in the data file.
 - The amount of USDT to start the game with. (leave empty to use the competition's default value): The amount of USDT to start the game with.
 - Candles given before the game starts. (leave empty to use the competition's default value): Candles given before the game starts.
 - Percentage of fee per transaction. (leave empty to use the competition's default value): Percentage of fee per transaction.

At the bottom, there are buttons: 'Import wrapper-commands.json', 'Export', 'Reset', 'Cancel', and 'Save'.

You are encouraged to play with the others value to test the adaptability of your bot.