



HUMMINGBOT

FOUNDATION

FOR PARTNERS

EXCHANGES, BLOCKCHAIN PROTOCOLS, AND TRADING FIRMS



Hummingbot is the open source OS for crypto algo traders and market makers

Our mission is to democratize high-frequency trading

2019:

Hummingbot started as a simple, command line-based market making bot

2023:

Today, Hummingbot is an open platform for creating, backtesting, deploying and monitoring fleets of trading bots

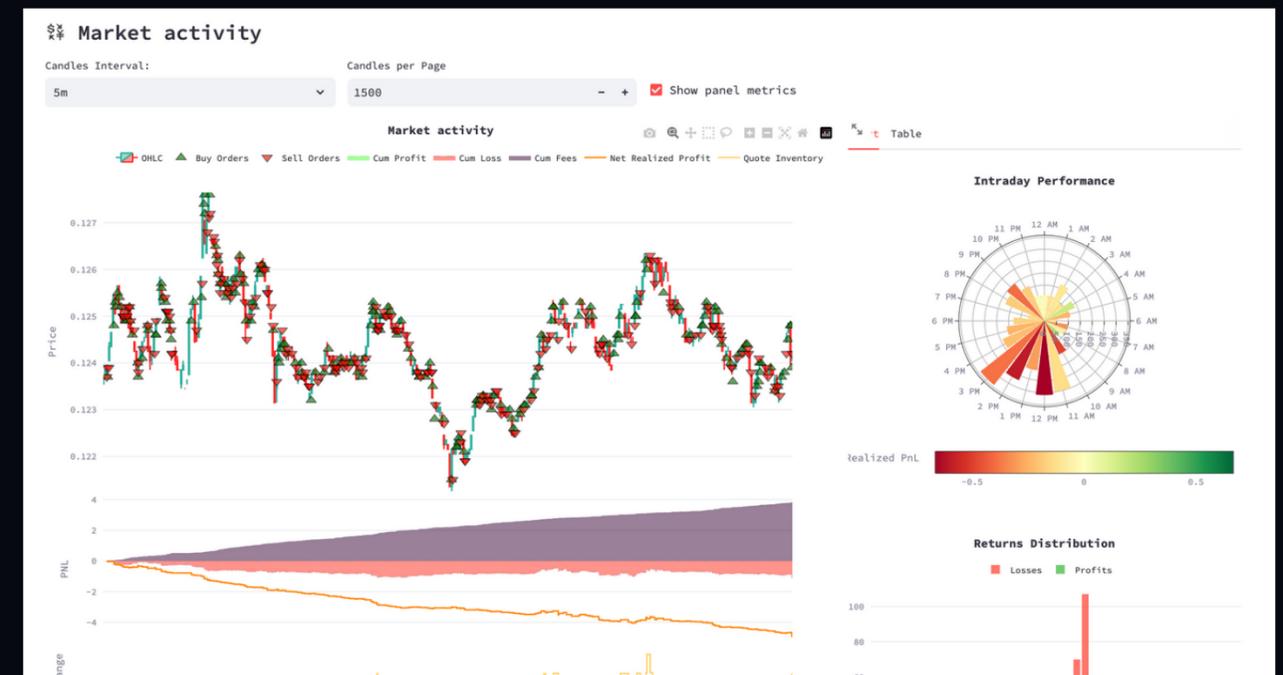
```
Hummingbot
Welcome to Hummingbot, an open source software client that helps you build and run high-frequency trading (HFT) bots.

Helpful Links:
- Get 24/7 support: https://discord.hummingbot.io
- Learn how to use Hummingbot: https://docs.hummingbot.io
- Earn liquidity rewards: https://miner.hummingbot.io

Usage:
  hummingbot --help
  hummingbot --help --strategy simple_pmm_example
  hummingbot --help --strategy simple_pmm_example --gateway OFFLINE

Status check complete. Starting 'simple_pmm_example' strategy...
'simple_pmm_example' strategy started.
Run 'status' command to query the progress.
[2023-09-06 04:01:20] BUY 0.01 ETH-USD binance_paper_trade at 1633.23
[2023-09-06 04:01:40] SELL 0.01 ETH-USD binance_paper_trade at 1633.26
[2023-09-06 04:04:01] SELL 0.01 ETH-USD binance_paper_trade at 1633.64

>>>
```



We are the largest community of market makers in crypto

14,500



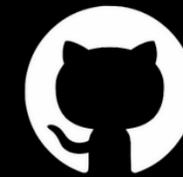
Discord
members

8,860



YouTube
subscribers

6,300



GitHub
stars

Projects run Hummingbot instead
of hiring market makers

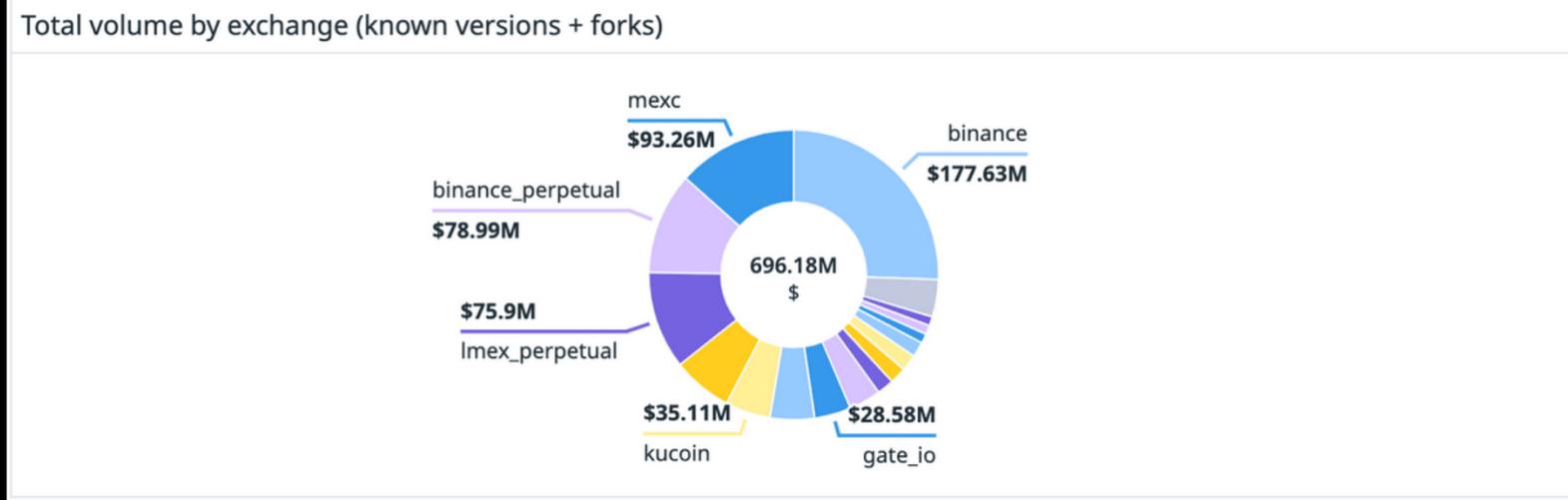
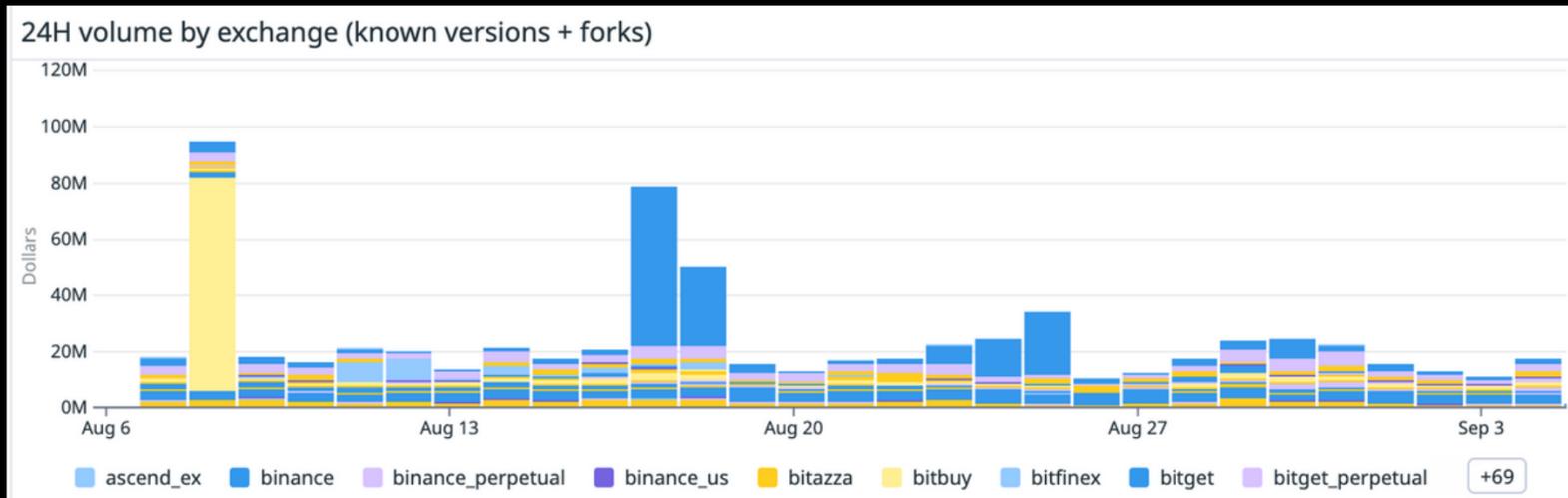
Market makers build their
operations on top of Hummingbot



3JANE



Widely used by both individual and institutional traders



In the past month, Hummingbot users have generated \$700M of trade volume across 78 different exchanges. [Reported Volumes dashboard](#) ↗

“We started with Hummingbot as the foundation for our market-making business.”



Eugene, Founder of Market Making Firm



“Hummingbot allowed me to launch strategies that executed \$2 billion+ in trade volume.”



Kollan, Individual Algo Trader

“The Hummingbot community of market makers has contributed significantly to the liquidity on Avalanche-based DEXs”



Lydia, VP of BD



Hummingbot Architecture

User Interface

How you deploy, control, and monitor your bots



Dashboard



Client



Library



[Github](#)

Strategy Framework

How you define a bot process

V1 Strategies

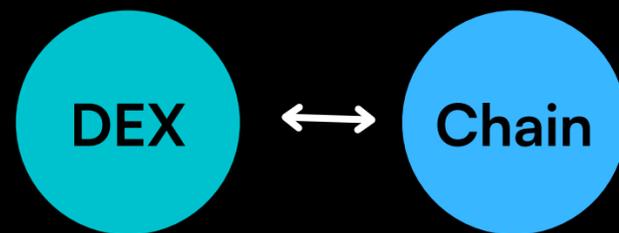
Strategy templates with configurable parameters

V2 Strategies

New framework that allows backtestable, multi-strategy bots

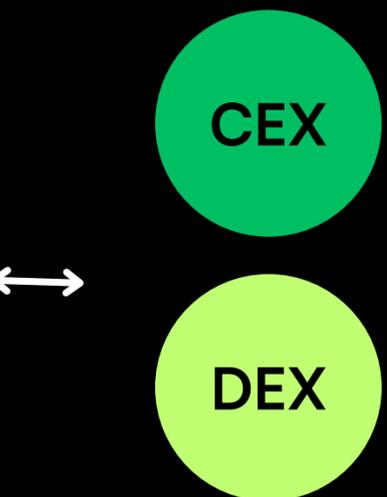
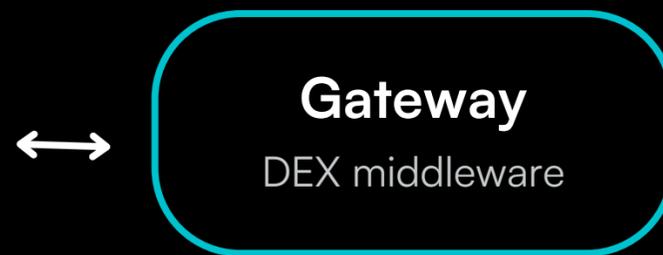
Scripts

Single file, simpler bots that serve many functions



Connectors

REST
Typescript

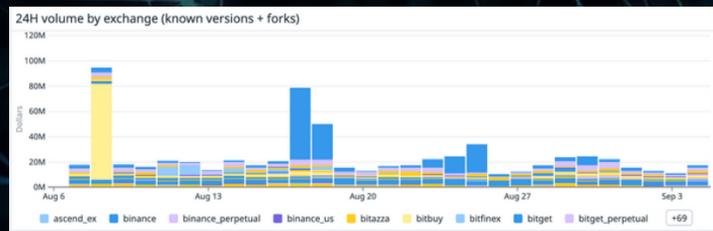


Connectors

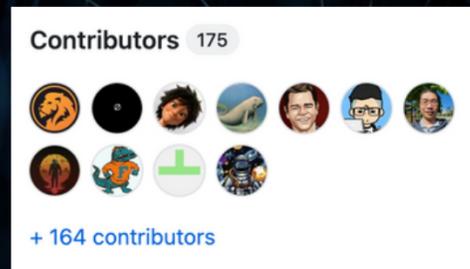
Websocket
Python

Hummingbot Foundation is an Open Source DAO

Open Source Users

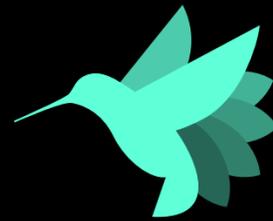


Open Source Contributors



Volume + Liquidity

\$20-100M / day



Bounty Assignment
Quality Assurance
Monthly Releases

Bounties

1M HBOT / month

Connectors

56 CEX, DEX, and Chains



Types of Bounties

hummingbot #6507 

Upgrade MEXC spot connector

250K HBOT

 Connector

hummingbot #5660 

Bitmart PureMM Strategy: Market connectors are not ready.

160 USDT

 Bug

hummingbot #6321 

Add Gate.io Spot and Perpetuals Candles Feed

100K HBOT

 Enhancement

hummingbot-site #202 

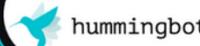
Grid Strategy Experiment

100K HBOT



Grid Strategy Experiment

 Strategy

Gate.io 

October 10 - November 10

SPOT TRADING COMPETITION

Prize Pool \$16,000

NFTs

1st Prize: Voucher to Hummingbot's BotCamp (value: \$1,000)



 Competition

 @qtrungp Hi guys, I'm a new researcher

 ctraderxt  09/25/2023 6:03 AM

Only 1 wallet per bot is allowed for DEX / Gateway. Simply add more bot instances for other wallets.

1 1

 Support

Bounties tap into global tribe of Hummingbot devs

489

Bounties paid

102

Unique wallets

\$57

Avg payout

The screenshot displays a 'Bounties Board' with seven columns representing different stages of bounty completion:

- Potential (6):** Potential bounties that may be proposed or funded. Includes tasks like 'Bybit - Upgrade API' (1600 USDT), 'Deribit connector' (300K HBOT), and 'Bitfinex connector fix' (10K HBOT).
- Open (4):** Open bounties eligible to be assigned. Includes 'Create a Spot Connector for CEX BitTeam' (1600 USDT), 'PancakeV3 connector' (300K HBOT), and 'Binance - The Request Weights rate limit needs to be updated' (10K HBOT).
- Assigned (4):** Bounties that have been assigned to a contributor. Includes 'Add gateway balance command' (100K HBOT), 'Binance Perpetual lack of handling for non existing order' (10K HBOT), and 'Binance Perp - Time Synchronizer not updated' (50K HBOT).
- Submitted (4):** Bounties that have addressed by a submitted pull request. Includes 'Gateway - getting price query failed error after restarting gateway connection' (50K HBOT), 'Curve connector' (286.5K HBOT), and 'Balancer connector' (286.5K HBOT).
- Needs Work (2):** Change requested before merging pull request. Includes 'Upgrade Coinbase spot connector' (250K HBOT) and 'Ripple DEX/Chain connector' (1.5M HBOT).
- Merged (6):** Pull request merged. Includes 'Bitmart PureMM Strategy: Market connectors are not ready' (160 USDT), 'Gateio Perpetual account position info missing' (10K HBOT), and 'Upgrade MEXC spot connector' (250K HBOT).
- Paid (81):** Bounty paid. Includes 'Uniswap - Getting unhandled error when using USDC.e' (10K HBOT), 'Bug: Value error due to underscore in arbitrum_one' (10K HBOT), and 'Grid Strategy Experiment' (100K HBOT).

[Bounties Board ↗](#)

Lifecycle of a Hummingbot bounty

[New Bounty ↗](#)

Posting the Bounty

Submit form

Submit the [New Bounty form](#) with a link to Github issue, bounty type, and budget.

Scope bounty

We work with you to define bounty scope, acceptance criteria and amount needed.

Fund bounty

Send the bounty amount to Foundation wallet. We custody and pay out only after code delivery.

Post on Board

We post Bounty on Bounties Board, where any developer can apply for assignment.

Ensuring Quality Work

Assign dev

We qualify developers based on prior experience and assign your bounty to a suitable candidate.

Monitor dev

We stay in constant contact with the developer and re-assign the bounty if needed.

Review PR

We review the pull request for engineering security and adherence to code standards.

Test PR

We test the pull request to assess functionality, fulfillment of acceptance criteria, and UX impact.

Shipping the Code

Merge PR

We merge the pull request into the development branch of Hummingbot.

Release

We conduct a thorough overall codebase check before each Hummingbot monthly release.

Pay dev

We process payment to the developer only after code has been verified and published.

Handling Fee

20% Fund bounty in USDT or liquid token

10% Fund bounty in HBOT

Ways to use Bounties

Post a Bounty

Post a bounty on Bounties Board and let us handle the rest, from assigning a dev to testing and delivering the code

LIMITED AVAILABILITY

Managed Bounties Wallet

Sponsor Hummingbot Foundation and we manage a multi-sig Bounties Wallet to build, maintain, and promote your connectors

New Connectors

Post a Connector Bounty to get a connector built for you. Choose delivery of code as private fork or proposed into open source codebase.

We manage end-to-end connector process: scoping, hiring a dev, reviewing/testing pull request, and merging into codebase.

Maintenance

Post Bug and Enhancement Bounties to fix Github issues related to your connectors.

We regularly propose, post, and handle Bug and Enhancement Bounties for your connectors.

Governance

Vote with HBOT on [Snapshot](#) each quarter to keep your connectors included in future official Hummingbot releases.

We manage the HBOT in Bounties Wallet to ensure that your connectors remain in the Hummingbot codebase.

Content

Post Content Bounties to create guides and videos that show users how to set up and run Hummingbot on your connectors.

We regularly propose, post, and handle Content Bounties. After, we co-promote them to the Hummingbot community.

Strategies

Post a Strategy Bounty to get a private strategy or script built for you.

N/A

Branding

N/A

We add your logo as an official Sponsor to the Hummingbot website, docs + Github.

Botcamp

Professional training for algo traders and market makers, built on top of Hummingbot

Your Instructors



Mike

Co-founder of Hummingbot



Fede

CTO of Hummingbot Foundation

Monthly Subscription

\$200 per month [Enroll now ↗](#)

- Monthly live sessions and office hours
- Monthly bot trading competitions
- Access to past Core Course cohort recordings
- Access to private Botcamp Github repo
- Access to #premium-support Discord channel

Custom Core Course

\$2000 per seat (ask about custom versions of this course)

- 6 week developer bootcamp for aspiring algo traders and market makers
- Learn to design and code various trading strategies
- Build and present your custom script at Demo Day
- 120+ students have completed this course

Bounties

Submit this form to start the process of posting a bounty

[Bounty](#) ↗

Botcamp

Enroll in Botcamp to learn professional algo trading and market making

[Enroll](#) ↗

Newsletter

Subscribe to Hummingbot newsletter to get regular updates

[Subscribe](#) ↗