

Tradidoll v1.0 - User Manual



2026

TradiDoll — User Manual

TradiDoll is a grid trading application for eToro. You draw a **ladder**: a range of prices cut into evenly spaced rungs. The application watches the market and proposes what each rung implies — buy a little on the way down, sell each piece back once it has risen enough — and the money goes back to the ladder for the next round.

The one rule

TradiDoll proposes. You approve. Nothing reaches eToro until you have ticked it on the Proposals tab and pressed *Run approved proposals*. Part of that approval can be made automatic later, once you trust what the grids propose.

Before you start

- A verified eToro account, and an API key with the permissions listed on the Home tab.
- The **demo** and **real** builds are two separate applications, each with its own keys, settings and data. Start with demo.

A first grid

1. Instruments — add what you want to trade.
2. Strategies — define a ladder: how wide, how fine.
3. Tactic — apply that strategy to the instrument, set its limits, try it in Simulation, then arm it.
4. Proposals — tick what the grid wants to do, and run it.
5. Grid and Portfolio — watch.

Contents

Glossary	Every term, one line each.
Home	The API key, the news, and today's moves.
Configuration	Interface, API, Trading and News.
Grid	Every armed grid, one line each.
Strategies	The shape of a ladder.
Instruments	What you trade, and adding to it.
Instrument tab	Tactic, Positions, Orders, History and Simulation.
Proposals	What the application would like to do, and where you say yes.
Portfolio	Equity, funds, requests, profits banked.
Costs	What eToro charges, instrument by instrument.
Markets	When each market opens and closes.
Log	What the application has been doing.
Tools	CSV export for a spreadsheet.

Glossary

Where TradiDoll and eToro name the same thing, eToro's word wins.

The grid

Term	Meaning
Grid	Buying a little at each of several prices on the way down, and selling each piece back once it has risen enough.
Ladder, rung	The prices one grid works on, from its bottom to its top; a rung is one of them.
Strategy	The shape of a ladder, for no instrument in particular: where it is centred, how far it reaches each way, how fine its steps are, over what window.
Tactic	One strategy applied to one instrument, with its limits: leverage, stop loss, target, maximum funds, maximum open.
Armed	A tactic switched on (<i>active</i>). The application only works for armed tactics.
Stake	What one rung commits when it buys: \$10, or eToro's minimum at that leverage when that is more.
Target	(<i>net profit</i>) What a rung must have earned, as a fraction of its stake and every fee counted, before the grid proposes to sell it.
Capped / uncapped	Whether the ladder is held to the tactic's funds ceiling.
Bail out	A stop loss the application keeps moving out of reach so that it does not fire; it ties up more funds.
Liquidation	Clearing a ladder out at the end of a period: yearly, quarterly, monthly, weekly or daily.
Locked	A strategy made read-only, so that an experiment cannot rewrite a live ladder.

What the application does

Term	Meaning
Pass	The application's look, about once a minute, at what every armed grid implies. It ends in proposals, never in orders.
Proposal	One task written down for you: place or cancel an order, set a stop loss or a take profit, close or liquidate a position, apply a tactic again.
Approve, run	Ticking a proposal; sending the ticked ones to eToro.
Blocker	Why a proposal cannot be sent right now — no money, a shut market, a price already passed. Checked again as it goes out.
Simulation	Replaying a strategy over the recorded past before arming it.

Money

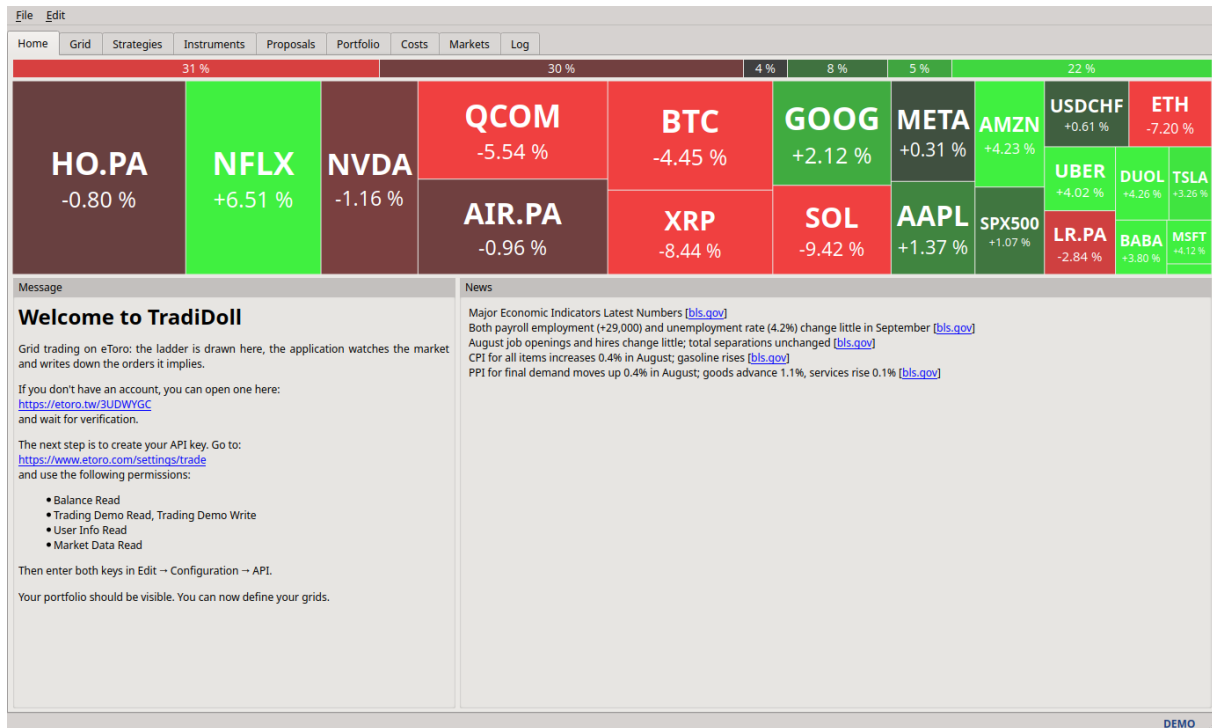
Term	Meaning
Equity	What the account is worth: cash plus what the open positions hold.
Free	What eToro says is left to spend.
Reserve	A floor you set, below which the application does not spend.
Used funds	What the open positions and pending orders tie up, the stop loss included.
Gross, net, return	What closed positions banked; that money over what the rungs staked, as the target is expressed; and over what the positions really tied up, fees included.
Mirror	A trader eToro copies into the account. Those positions never reach the application.

eToro

Term	Meaning
Instrument	Something tradeable — stock, ETF, crypto, currency pair, commodity, index — with a numeric id of its own.
Position, trade	An open trade; a closed one, as eToro's history reports it.
MIT order	<i>(market-if-touched)</i> An order that waits at a price and fires when the market reaches it: what a grid places.
Bid / ask	The most a buyer will pay, and the least a seller will accept. The gap is the spread , the first cost of every round trip.
Leverage	Trading with borrowed capital: at x5, \$100 moves like \$500.
Stop loss, take profit	Levels that close a position automatically, at a loss or at a gain.
Settlement	At x1 an asset can be owned outright — the venue's flat commission, nothing carried overnight — or held as a contract (CFD), like every higher leverage.
Quota pool	One of eToro's request budgets, a number of requests a minute.
52W	Over the last fifty-two weeks.

Home

The first screen: how to get an API key, the news, and how what you hold has moved today.



Getting an API key

1. **An account.** The first link on the screen opens eToro's registration. Verification takes a day or two.
2. **A key.** The second link opens eToro's trading settings. Create a key with exactly the permissions the screen lists: *Balance Read*, *Trading Demo Read* and *Write* (*Real* in the real build), *User Info Read* and *Market Data Read*. A missing one silences part of the application without saying why.
3. **Enter it** in *Edit* → *Configuration*, on the API page.

Your portfolio appears within the minute.

Heatmap and gauge

The **heatmap** shows what you hold as tiles, each as large as the funds it uses. The colour is the move since the previous close — red down, green up, the deeper the further, fully from 3.5 % — or slate when it is flat or not known; while the market is shut, it is the move of its last session. Hover over a tile for its figures, click it to open the instrument's tab, or drag the map into a document to take it as a picture.

The **gauge** above it sorts the same funds into seven steps by that move, from -3.5 % to +3.5 %, each as wide as the funds in it.

News

The latest headlines of the feeds you follow, newest first: a hundred at most, five at most for any one instrument, none older than five weeks. A headline naming an instrument you hold or watch starts with its symbol in bold. Out of the box, the feeds are those of the U.S. Bureau of Labor Statistics; see Configuration → News.

Demo or real

The title bar and the bottom-right corner say which build is running. Each has its own keys, settings and data, so the wrong account cannot be reached by accident. A grid that has run a fortnight on demo teaches more than any reading.

Menus and status bar

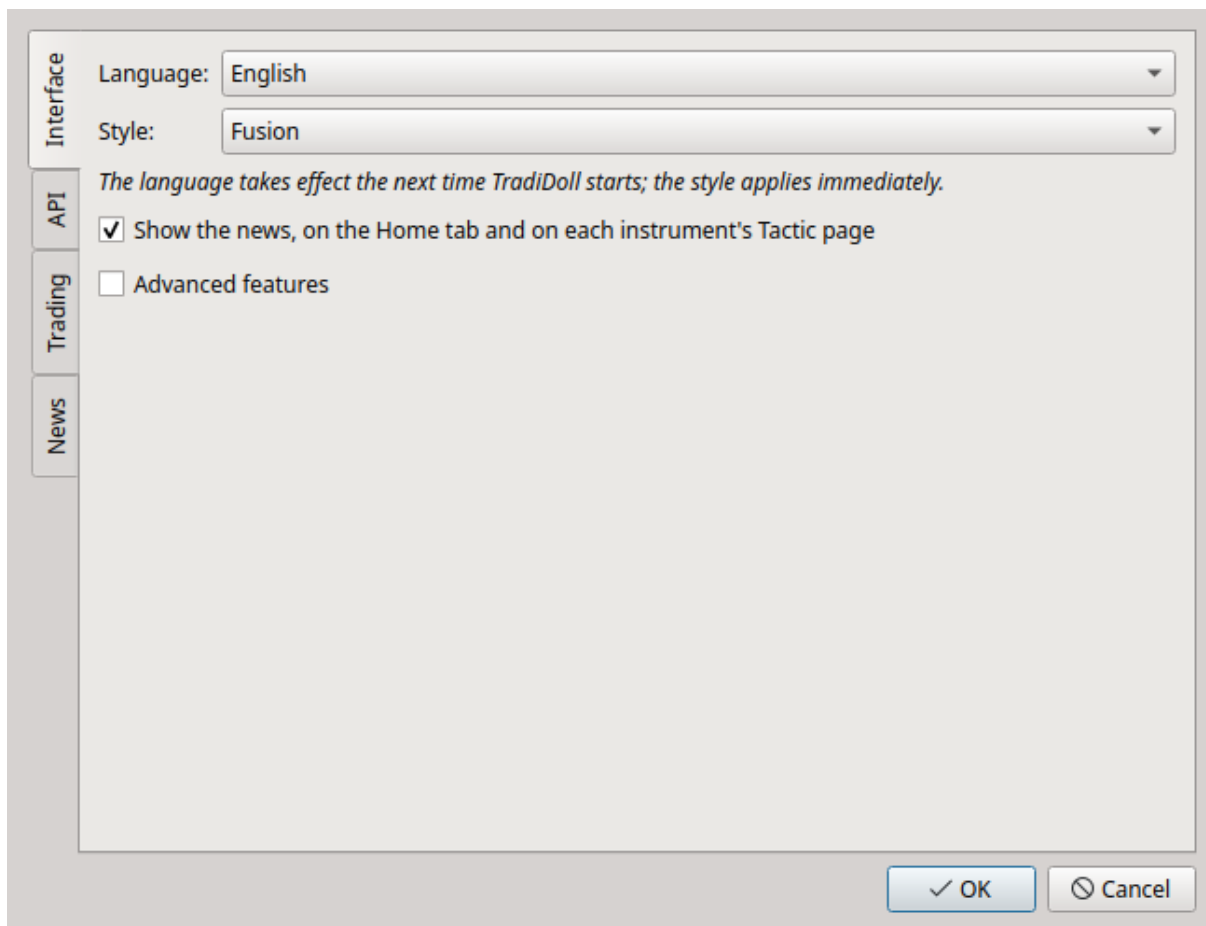
File — *Save* (Ctrl+S), *Export CSV*, *Quit*. Everything is saved on quitting anyway, each file written in full before the old one is replaced. **Edit** — *Configuration*.

The line along the bottom is the last thing the application did; the whole stream is on the Log tab.

Configuration

Edit → Configuration has four pages: Interface, API, Trading and News.

Interface



Language — each listed under its own name: *Français*, not *French*. Until you pick one, the application speaks the desktop's language when it has a translation for it, English otherwise. It takes effect at the next start. Numbers and dates follow the desktop's regional settings.

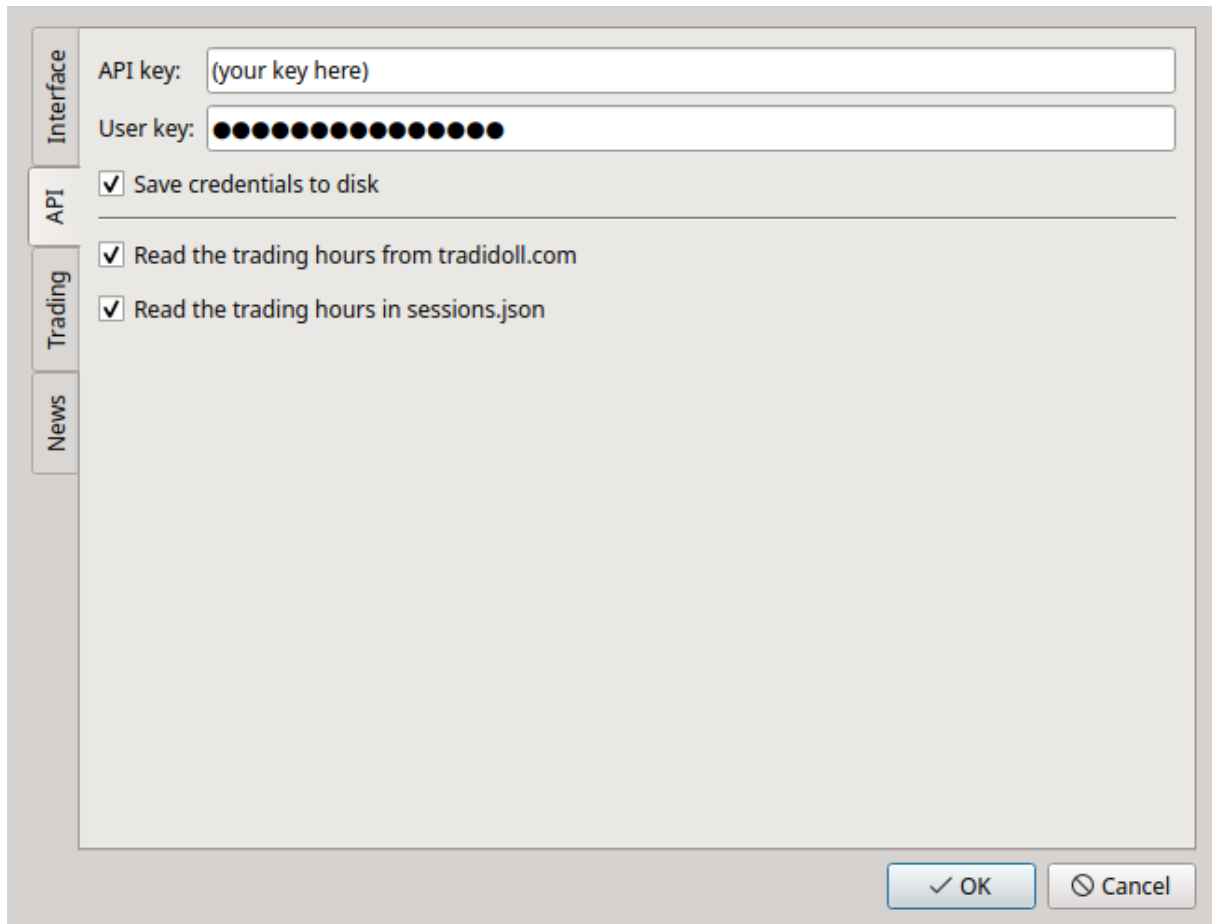
Style — how the widgets are drawn. It applies at once.

Show the news — the News box on the Home tab and on each Tactic page. Unticked, no feed is read.

Advanced features — unticked out of the box. For now it only offers approving *LiquidateLosingPosition* without asking, on the Trading page; unticked, that box is greyed out and a losing position is never sold without your own tick.

If fonts and colours are not your desktop's, Qt 6 lacks a platform theme: on Linux, install `qt6ct` and set `QT_QPA_PLATFORMTHEME=qt6ct`.

API



The screenshot shows a settings dialog box with a sidebar on the left containing four tabs: 'Interface', 'API', 'Trading', and 'News'. The 'API' tab is currently selected. The main area of the dialog contains the following fields and options:

- API key:** A text input field containing the placeholder text '(your key here)'.
- User key:** A text input field filled with 16 black dots.
- ☒ **Save credentials to disk**
- ☒ **Read the trading hours from tradidoll.com**
- ☒ **Read the trading hours in sessions.json**

At the bottom right of the dialog are two buttons: 'OK' (with a checkmark icon) and 'Cancel' (with a circle-X icon).

The **API key** identifies the application, the **user key** identifies you. Both are created on eToro's settings page, with the permissions listed on the Home tab, and both are needed.

Save credentials to disk — unticked, the keys are forgotten on quitting. Ticked, they are written in **clear text** to `~/.config/0sange/Tradidoll-demo.ini` (or `-real.ini`); whatever can read your home folder can read them. A key can be revoked and re-created on eToro at any time.

There is no demo or real choice here: that is the build you launched.

Trading hours — the built-in ones are always there, and two boxes add to them:

- **Read the trading hours from tradidoll.com** — the hours tradidoll.com publishes from eToro's site, kept up to date across changes of summer time; asked at start and once a day. They have the last word.
- **Read the trading hours in sessions.json** — a file of your own in the data folder, written by `tools/etoro-market-hours.py`. It replaces the built-in hours for the markets and symbols it names.

The result is on the Markets tab.

The Log says in the first seconds whether the keys work: *eToro credentials applied (environment: demo)*, or eToro's own error. A key without *Market Data Read* is accepted and finds no instruments.

Trading

The screenshot shows a settings window for the eToro trading interface. On the left, there is a vertical sidebar with four tabs: 'Interface', 'API', 'Trading', and 'News'. The 'Interface' tab is currently selected. The main content area of the window contains the following settings:

- 'Keep in reserve:' is set to '\$ 10000.00' in a text field.
- 'May use the reserve for stop losses' is checked with a checkbox.
- 'May overspend for stop losses' is unchecked with a checkbox.
- 'Country:' is set to 'FR' in a text field.
- A section titled 'Approve without asking' contains a list of trading actions, each with an unchecked checkbox:
 - SetStopLoss
 - SetTakeProfit
 - PlaceOrder
 - CancelOrder
 - CloseProfitablePosition
 - LiquidateProfitablePosition
 - LiquidateLosingPosition
 - ApplyTactic
- At the bottom of this section, 'Run approved proposals without me' is unchecked with a checkbox.

At the bottom right of the window are two buttons: 'OK' (with a checkmark icon) and 'Cancel' (with a circle and slash icon).

What the application may spend, and how much of the deciding you hand over: the most consequential page.

Keep in reserve — cash held back. Open positions pay carrying fees every night; a grid that spends to the last dollar cannot pay them, and eToro closes positions to cover the shortfall. Moving a stop loss further away commits money too, hence two exceptions:

- **May use the reserve for stop losses** — the reserve pays when the funds ceiling or the cash above the reserve cannot.
- **May overspend for stop losses** — the stop is moved even when the cash cannot cover it, and eToro decides.

Both unticked, a stop that cannot be afforded is not proposed, and the Log says so.

Country — the account holder's two-letter code. The fees depend on it, and so does every cost, simulation and “is this rung profitable yet” downstream.

Approve without asking

A ticked kind arrives on the Proposals table already approved. It decides what arrives ticked, not what is sent.

SetStopLoss, SetTakeProfit

Move a level on an open position. Spend nothing.

PlaceOrder	Commits money.
CancelOrder	Withdraws a waiting order and gives its funds back.
CloseProfitablePosition	Sells a position in profit. Irreversible.
LiquidateProfitablePosition, LiquidateLosingPosition	The tactic's clear-out at the last closing of its period, of a profitable or a losing position. Irreversible; the losing one only with <i>Advanced features</i> ticked on the Interface page.
ApplyTactic	Recomputes a tactic once its strategy's window has run out. Sends nothing to eToro.

Leave *PlaceOrder* and the three sales unticked until you can predict what the grid will do.

Run approved proposals without me

Whether a tick is enough: once a minute, every approved proposal is sent, as the *Run approved proposals* button would. It is the only setting that lets the application write to eToro with nobody watching.

1. **Nothing ticked, this off** — every decision is yours, as on a new install.
2. **Some kinds ticked, this off** — the table comes pre-ticked; you still press the button.
3. **Kinds ticked and this on** — the grid trades on its own: the end of a process, not its start.

News

The RSS feeds the news is read from, on the Home tab and on each instrument's Tactic page. Double-click an address to change it. What is not a web address is dropped when you press OK.

https://www.bls.gov/feed/bls_latest.rss
<https://www.bls.gov/feed/empst.rss>
<https://www.bls.gov/feed/cpi.rss>
<https://www.bls.gov/feed/ppi.rss>
<https://www.bls.gov/feed/jolts.rss>

☐ Also read Yahoo Finance's headlines for each stock and crypto held or watched (personal use only)

The RSS and Atom feeds read for the News boxes. Out of the box, five feeds of the U.S. Bureau of

Labor Statistics, which are in the public domain. Newspapers allow theirs for personal use only, so TradiDoll does not come with them: add those you read, for yourself.

Add a line and paste the address over `https://`; **double-click** one to change it; **Remove** the selected lines; **Restore the defaults** brings back the five BLS feeds. On **OK**, blank lines, duplicates and anything that is not a web address are dropped, a removed feed takes its headlines with it, and a new one is read at once.

Also read Yahoo Finance's headlines for each stock and crypto held or watched — unticked out of the box. Ticked, each such instrument gets a Yahoo feed of its own, which comes and goes with it; its headlines carry the instrument's symbol unless they name another you follow. Symbols are written Yahoo's way (BRK-B, BTC-USD, AIR.PA); where Yahoo spells a market differently, the feed comes back empty. Personal use only.

A feed that does not answer is reported in the Log, once per site.

The headlines are kept in `news.json`, in the data folder, when TradiDoll quits, and are back at the next start. A feed is not read again before its refresh time — half an hour at least, a day at most. After a crash, the feeds are simply read again.

Feeds for your own use

Checked on 30 September 2026. For personal, non-commercial use only: read each publisher's terms. Nasdaq's feeds answer web browsers only.

Feed	Address
MarketWatch, top stories	https://feeds.content.dowjones.io/public/rss/mw_topstories
MarketWatch, real-time headlines	https://feeds.content.dowjones.io/public/rss/mw_realtimeheadlines
MarketWatch, market pulse	https://feeds.content.dowjones.io/public/rss/mw_marketpulse
MarketWatch, bulletins	https://feeds.content.dowjones.io/public/rss/mw_bulletins
The Wall Street Journal, markets	https://feeds.content.dowjones.io/public/rss/RSSMarketsMain
Bloomberg, markets	https://www.bloomberg.com/feeds/markets/news.rss
Bloomberg, technology	https://www.bloomberg.com/feeds/technology/news.rss
Bloomberg, economics	https://www.bloomberg.com/feeds/economics/news.rss
Bloomberg, politics	https://www.bloomberg.com/feeds/politics/news.rss
Bloomberg, opinion	https://www.bloomberg.com/feeds/bview/news.rss
Financial Times, markets	https://www.ft.com/markets?format=rss
The Economist, business	https://www.economist.com/business/rss.xml
Yahoo Finance Canada, markets	https://ca.finance.yahoo.com/news/rss/cdn_mkts
Investing.com, all news	https://www.investing.com/rss/investing_news.rss
MarketBeat, all news	https://www.marketbeat.com/feed/
Seeking Alpha, all articles	https://seekingalpha.com/feed.xml

Grid

Every armed grid on one screen, one line each, to tell at a glance whether anything is about to happen. Nothing is edited here.



Each line is one instrument's price axis, on a scale of its own:

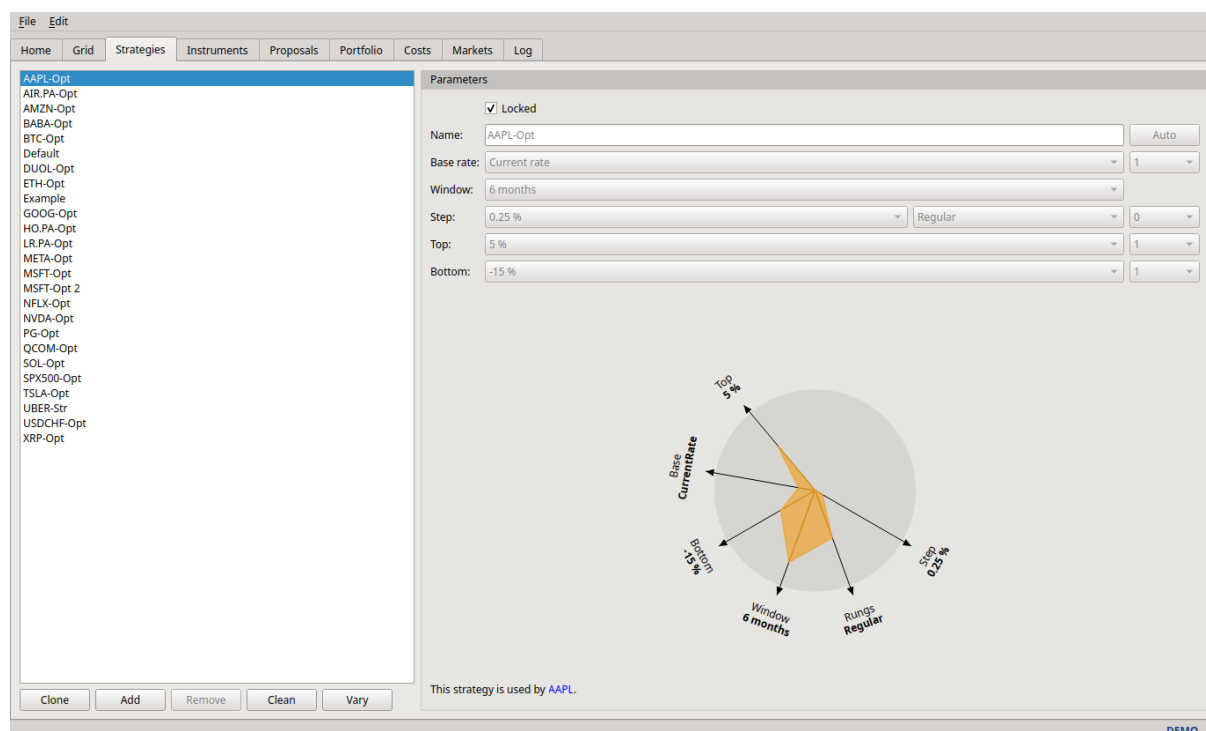
- **Symbol** — click it to open the instrument's tab.
- **Grey shape** — where the price spent the last twelve months: wide where it lingered, thin where it passed through.
- **Yellow ticks** — the ladder's rungs.
- **Green and blue verticals** — the bid and the ask.
- **Dots** — open positions, green in profit and red at a loss, and pending orders in blue, each at its price.

A dot is hollow at rest and **blinks when the quote comes within 1 %** of it: the tab's only alarm.

An instrument is listed when it is held, has an armed tactic, and can be bought and closed right now — so the list fills as the first quotes arrive. One that drops off has usually lost one of the last two; the Log says why.

Strategies

A strategy is the **shape of a ladder**: where it is centred, how far it reaches each way, how fine its rungs are. It names no instrument and holds no money: the same strategy can serve a dozen instruments, each getting prices of its own.



- Base rate** The price the ladder is centred on: the current rate, or the low, mid-range, high, average close or most-frequented band of the window.
- Window** How far back the base rate looks: one month to one year.
- Step** The distance between two rungs, as a percentage, spaced *Regular* or *Exponential* (wider as they go down).
- Top, Bottom** How far above and below the base rate the ladder reaches.

The small spin boxes on the right are the **rounding** of the computed prices. The **radar** draws the parameters as a silhouette: two strategies of the same shape do the same kind of thing.

Auto names a strategy after its parameters. **Locked** makes it read-only and undeletable: lock those that trade, and clone one to try a variant. *This strategy is used by...* lists the instruments an edit would move.

Add, Clone, Remove — the last refused for a strategy locked or in use. **Vary** generates a family around the selected strategy, every combination of neighbouring base rates, steps and bounds; it says how many first, often thousands. **Clean** deletes every strategy neither locked nor used: the way back from *Vary*.

The intended loop: **Vary**, replay in Simulation, **Lock** the best, **Clean** the rest. Stake, leverage, stop loss and target belong to the tactic.

Instruments

What you trade, one row each: which grid runs on it, what it ties up, what it has earned. It is your watch list — what you added and all you have held — kept from one start to the next.

File Edit														
Home Grid Strategies Instruments Proposals Portfolio Costs Markets Log														
All	All													
ID	Symbol	Name	Asset class	Exchange	Strategy	Tactic	Ladder	Funds	Open	Gross profit	Net profit	Return	In portfolio	Buyable
I-6	USDCHF	USD/CHF	Forex	Forex	USDCHF-Opt	x20cbd+, ...	Out	11.7 %	3.3 %	\$5.52	11.0 %	4.7 %	Yes	Yes
I-27	SPX500	SPX500 ...	Indices	CFD	SPX500-Opt	x20cb, 10%	In	31.9 %	3.3 %	\$16.01	8.0 %	3.9 %	Yes	Yes
I-1001	AAPL	Apple	Stocks	New York, ...	AAPL-Opt	x20cbw+, ...	In	16.4 %	13.3 %	\$64.92	15.1 %	3.5 %	Yes	Yes
I-1002	GOOG	Alphabet	Stocks	New York, ...	GOOG-Opt	x20cbw+, ...	In	26.0 %	20.0 %	\$98.29	13.8 %	3.6 %	Yes	Yes
I-1003	META	Meta ...	Stocks	New York, ...	META-Opt	xScbm+, ...	In	44.3 %	36.7 %	\$70.85	15.1 %	3.7 %	Yes	Yes
I-1004	MSFT	Microsoft	Stocks	New York, ...	MSFT-Opt	x20cbw+, ...	In	10.3 %	3.3 %	\$58.43	15.0 %	3.2 %	Yes	Yes
I-1005	AMZN	Amazon.c...	Stocks	New York, ...	AMZN-Opt	x20cbw+, ...	In	20.7 %	7.5 %	\$52.78	13.9 %	2.6 %	Yes	Yes
I-1029	PG	Procter & ...	Stocks	New York Stock...	PG-Opt	x20cb, 10%	In	2.0 %	10.0 %	\$13.67	13.7 %	3.9 %	Yes	Yes
I-1111	TSLA	Tesla ...	Stocks	New York, ...	TSLA-Opt	xScbm+, ...	In	16.5 %	6.7 %	\$60.35	15.1 %	3.4 %	Yes	Yes
I-1127	NFLX	Netflix, Inc.	Stocks	New York, ...	NFLX-Opt	x20cbw+, ...	In	55.0 %	33.3 %	\$23.33	13.7 %	2.9 %	Yes	Yes
I-1137	NVDA	NVIDIA ...	Stocks	New York, ...	NVDA-Opt	x20cb, 10%	In	98.6 %	26.7 %	\$59.12	13.8 %	3.3 %	Yes	Yes
I-1155	BABA	Alibaba...	Stocks	New York Stock...	BABA-Opt	x20cbd+, ...	In	58.6 %	20.0 %				Yes	Yes
I-1186	UBER	Uber ...	Stocks	New York Stock...	UBER-Str	x20cb, 10%	In	95.5 %	30.0 %				Yes	Yes
I-1234	AIR.PA	AIRBUS SE	Stocks	Paris, Euronext	AIR.PA-Opt	x20cbd+, ...	In	38.0 %	36.7 %	\$29.81	14.2 %	3.5 %	Yes	Yes
I-1252	LR.PA	Legrand SA	Stocks	Paris, Euronext	LR.PA-Opt	x20cbd+, ...	In	23.8 %	6.7 %	\$32.16	26.8 %	6.2 %	Yes	Yes
I-1485	QCOM	Qualcom...	Stocks	New York, ...	QCOM-Opt	x20cbw+, ...	In	97.9 %	20.0 %	\$35.15	12.6 %	2.6 %	Yes	Yes
I-5040	HO.PA	Thales ...	Stocks	Paris, Euronext	HO.PA-Opt	x20cbm+, ...	In	70.5 %	56.7 %	\$15.59	17.3 %	4.9 %	Yes	Yes
I-8637	DUOL	Duolingo	Stocks	New York, ...	DUOL-Opt	x20cbd+, ...	In	82.3 %	10.0 %	\$3.28	10.9 %	1.4 %	Yes	Yes
I-100...	BTC	Bitcoin	Crypto	Digital Currency	BTC-Opt	x20cbm+, ...	In	94.7 %	50.0 %	\$51.80	19.9 %	7.0 %	Yes	Yes
I-100...	ETH	Ethereum	Crypto	Digital Currency	ETH-Opt	x20cbm+, ...	In	28.7 %	10.0 %	\$12.59	21.0 %	7.2 %	Yes	Yes
I-100...	XRP	XRP	Crypto	Digital Currency	XRP-Opt	x20cbm+, ...	In	73.1 %	16.7 %	\$30.30	20.2 %	5.8 %	Yes	Yes

ID, Symbol, Name,
Asset class, Exchange
Strategy, Tactic

What it is and where it trades.

Ladder

The armed grid's ladder, and its settings in short. (*invalid*): the strategy no longer computes, and the grid keeps its last ladder.

Funds, Open

In while the quote is between bottom and top, *Out* when it has left them, ? without a quote.

Gross profit, Net profit, Return

How much of the funds ceiling, and how many of the allowed positions and orders, are taken.

In portfolio, Buyable, Closeable

What its closed positions banked. Blank until something has closed.

Whether eToro holds it, and lets you open or close it now.

The two lists above the table filter it by asset class and exchange.

x20cbw+, 10% in the *Tactic* column reads: leverage x20; capped or uncapped; a stop loss that can fire (s) or is kept out of reach (b), none at x1; the liquidation, when set, by period (y q m w d) and scope (+ profitable, - losing, * all); then the target. The Simulation columns are named alike.

Add opens the search below. **Remove** takes an instrument out of the table without selling anything, and is refused while it holds positions or orders. **Open**, a double-click or Enter opens the instrument's tab.

A row with no strategy and no tactic is watched, not traded: nothing is ever proposed for it.

Add instrument

All ▼

All ▼

Symbol	Name	Asset class	Exchange
GOOG	Alphabet	Stocks	Nasdaq
GOOG.24-7	Google 24/7	Stocks	NYSE
GOOG.EUR	Alphabet	Stocks	FRA
GOOG.RTH	Alphabet	Stocks	Regular Trading Hours - RTH
GOOGL	Alphabet Inc Class A	Stocks	Nasdaq
GOOY	YieldMax GOOGL Option Income Strategy ETF	ETF	NYSE

6 matching instruments.

Type a **symbol** or a **name** — GOOG, or Airbus — and press Enter. Only what eToro lets you buy is offered, open market or not: adding is configuration, not a purchase. The two lists filter the results; the line at the bottom says when they hide some, or when eToro matched more than it returned — then type more letters.

Pick the right row: GOOG and GOOGL are two share classes at two prices, GOOG.EUR is Frankfurt in euros, and GOOY an ETF *about* Alphabet. The .RTH and .24-7 rows are indicators, not instruments to trade. The **Exchange** column tells them apart, and the venue sets the trading hours and the x1 commission.

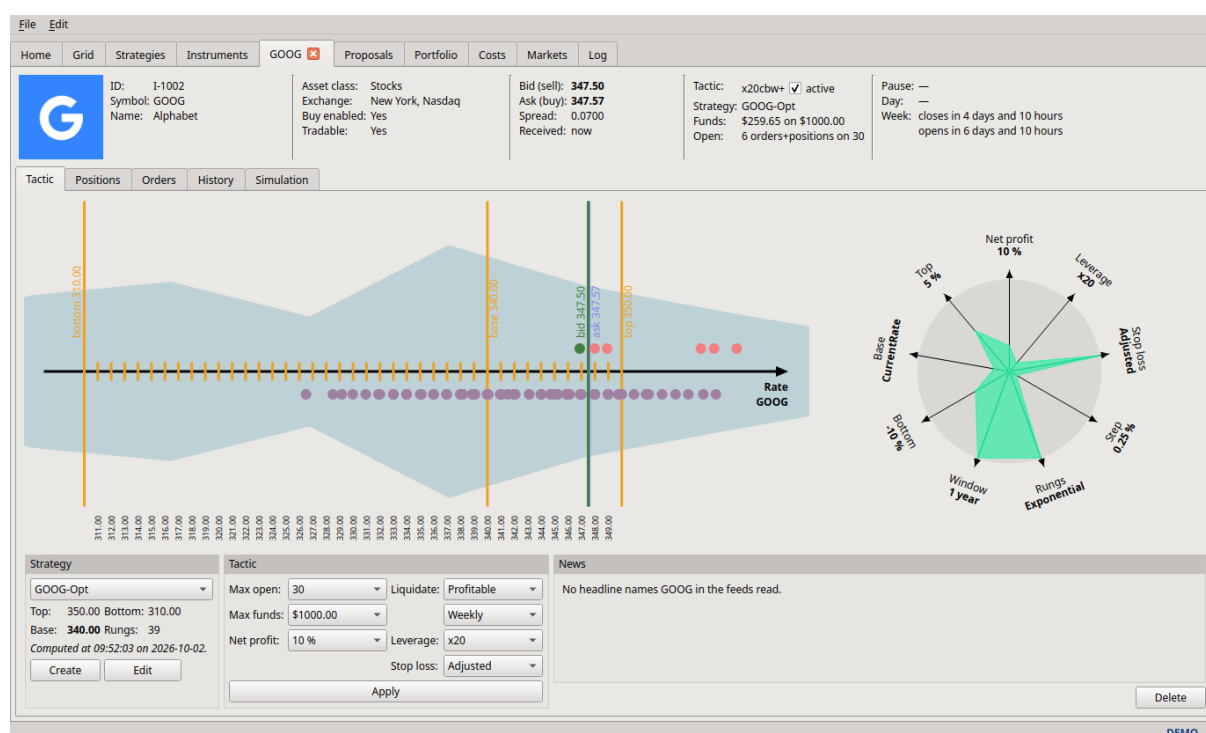
Add puts the instrument in the table, watched but not traded, and opens its tab on Tactic. *Cannot search: missing eToro credentials* means the keys are not set; any other message is eToro's own.

Instrument tab

Each instrument opened from Instruments has a tab of its own: five pages under a header giving what the instrument is and whether it can be traded now, the live quote, the grid's tactic and what it uses, and the next pause, end of day and end of week of its market.

The **active** tick beside the tactic arms the grid: the most important control in the application. Unticked, nothing is proposed for it.

Tactic



The chart is a price axis carrying all the grid has done or will do: **blue bands** where the price spent this year and the year before; **yellow verticals** at the base, bottom and top rates, **yellow ticks** at the rungs; **purple dots** below the axis for closed positions; **green** and **red** above for open positions in profit and at a loss, **blue** for pending orders; **green and blue lines** at the bid and the ask. No tactic, no ladder: only the dots and the quote.

Tactic — the limits around the ladder:

Max open
Max funds
Net profit

Leverage
Stop loss

Liquidate

Positions and orders this instrument may hold at once.

The most it may tie up.

The target: what a rung must have earned over its stake, every fee counted, before it is proposed for sale.

What each rung trades at; see Costs.

Platform leaves eToro's own, half the stake below and often reached. *Fixed* and *Adjusted* are the application's, kept out of reach as the position runs:

Fixed per asset class, *Adjusted* from the instrument's worst day in 52 weeks.

Which positions — *Profitable*, *Losing* or *All* — and how often.

Apply writes them and recomputes the ladder; nothing takes effect before. **Delete** removes the tactic, after asking; it does not close what the grid opened.

Strategy — the strategy in use, and what it computed for this instrument: top, bottom, base, number of rungs, and when. **Create** makes a new strategy named after the instrument; **Edit** opens it on Strategies, where a change moves every instrument using it. The **radar** is the strategy's, plus the tactic's leverage, stop loss and target; the **News** box gives the headlines naming the instrument.

Liquidation

- **Yearly, Quarterly, Monthly** — at the last closing of the period; on a market open at that moment (crypto, 24/7), at midnight UTC when the period ends.
- **Weekly** — at each week closing: Friday's on most exchanges, Thursday's where the week ends then or Friday is a holiday.
- **Daily** — at each day closing. A lunch break is not one.

Each clear-out goes out half an hour before the closing it aims at, counting down in the *When* column of Proposals. It goes by the regular session, as Markets shows it: a US stock traded around the clock is cleared before New York's 16:00 close. *Weekly* and *Daily* never fire on a market that has no such closing. Whether a position is profitable or losing is judged when the clear-out is proposed, and again when it is sent.

The usual order

1. Pick a strategy whose ladder covers the prices the instrument visits — the bands say whether it does.
2. Set the limits and press **Apply**.
3. Try it in Simulation.
4. Tick **active**, and watch Proposals fill.

Positions

FileEdit

HomeGridStrategiesInstruments

GOOG

ProposalsPortfolioCostsMarketsLog

G

ID: I-1002

Symbol: GOOG

Name: Alphabet

Asset class: Stocks

Exchange: New York, Nasdaq

Buy enabled: Yes

Tradable: Yes

Bid (sell): 347.50

Ask (buy): 347.57

Spread: 0.0700

Received: now

Tactic: x20cbw+ ☒ active

Strategy: GOOG-Opt

Funds: \$259.65 on \$1000.00

Open: 6 orders+positions on 30

Pause: —

Day: —

Week: closes in 4 days and 10 hours

opens in 6 days and 10 hours

TacticPositionsOrdersHistorySimulation

ID	Side	Initial	Amount	Fees	Open at	Close at	Leverage	Stop loss	Rec. SL	Take profit	Rec. TP	Gross profit	Net profit	Return	In portf
P-3597778028	long	\$10.00	\$19.85	\$0.00	329.98	331.76	x5					\$0.27	2.7 %	1.4 %	No
P-3597785948	long	\$10.00	\$20.06	\$0.00	329.16	329.23	x5					\$0.01	0.1 %	0.0 %	No
P-3597922999	long	\$9.99	\$64.96	\$0.00	328.50	331.00	x20					\$1.52	15.2 %	2.3 %	No
P-3597959305	long	\$9.99	\$64.71	\$0.00	326.50	329.00	x20					\$1.53	15.3 %	2.4 %	No
P-3598512581	long	\$10.00	\$35.12	\$0.00	332.00	336.10	x10					\$1.23	12.3 %	3.5 %	No
P-3598527476	long	\$10.00	\$35.50	\$0.00	330.94	335.25	x10					\$1.30	13.0 %	3.7 %	No
P-3598723345	long	\$10.00	\$36.95	\$0.00	337.99	342.03	x10					\$1.20	12.0 %	3.2 %	No
P-3598809747	long	\$10.00	\$36.14	\$0.00	333.99	338.02	x10					\$1.21	12.1 %	3.3 %	No
P-3598982256	long	\$10.00	\$35.93	\$0.00	333.00	337.00	x10					\$1.20	12.0 %	3.3 %	No
P-3599023434	long	\$9.99	\$34.40	\$0.00	340.00	344.03	x10					\$1.19	11.9 %	3.5 %	No
P-3599024534	long	\$10.00	\$34.61	\$0.00	340.97	345.15	x10					\$1.23	12.3 %	3.6 %	No
P-3599031128	long	\$9.99	\$37.14	\$0.00	339.00	343.00	x10					\$1.18	11.8 %	3.2 %	No
P-3599236091	long	\$10.00	\$34.82	\$0.00	341.97	346.01	x10					\$1.18	11.8 %	3.4 %	No
P-3599242822	long	\$10.00	\$23.39	\$0.00	343.10	348.04	x10					\$1.44	14.4 %	6.2 %	No
P-3599435384	long	\$9.99	\$23.59	\$0.00	344.00	348.04	x10					\$1.17	11.7 %	5.0 %	No
P-3599492244	long	\$10.00	\$21.20	\$0.00	346.06	350.13	x10					\$1.18	11.8 %	5.6 %	No
P-3599555458	long	\$10.00	\$23.77	\$0.00	344.69	349.01	x10					\$1.25	12.5 %	5.3 %	No
P-3599690099	long	\$10.00	\$23.01	\$0.00	341.49	346.00	x10					\$1.32	13.2 %	5.7 %	No
P-3599713481	long	\$9.99	\$23.12	\$0.00	342.00	346.00	x10					\$1.17	11.7 %	5.1 %	No

DEMO

Every position this instrument has held, open or closed: what the rungs actually did.

Initial Amount

What the rung staked: around \$10, or eToro's minimum at that leverage.
 What it ties up now, stop loss included: \$10 staked can block \$65 at x20, which is why *Max funds* binds long before *Max open*.

Fees

Charged so far: the opening commission and the nights carried.

Open at, Close at, Stop loss, Rec. SL, Take profit, Rec. TP

The prices; a position closed in pieces shows their weighted average.
 Where the levels are, and where the tactic would put them.

Gross profit, Net profit, Return

What it banked, as on Instruments. Blank while open.

Open positions come from the portfolio, read every half minute; closed ones from eToro's trade history, read once a day and a year back.

Orders

What is waiting to fire. A grid holds **one** order at a time, on the rung just below the market, so an empty table is the ordinary state between two fills.

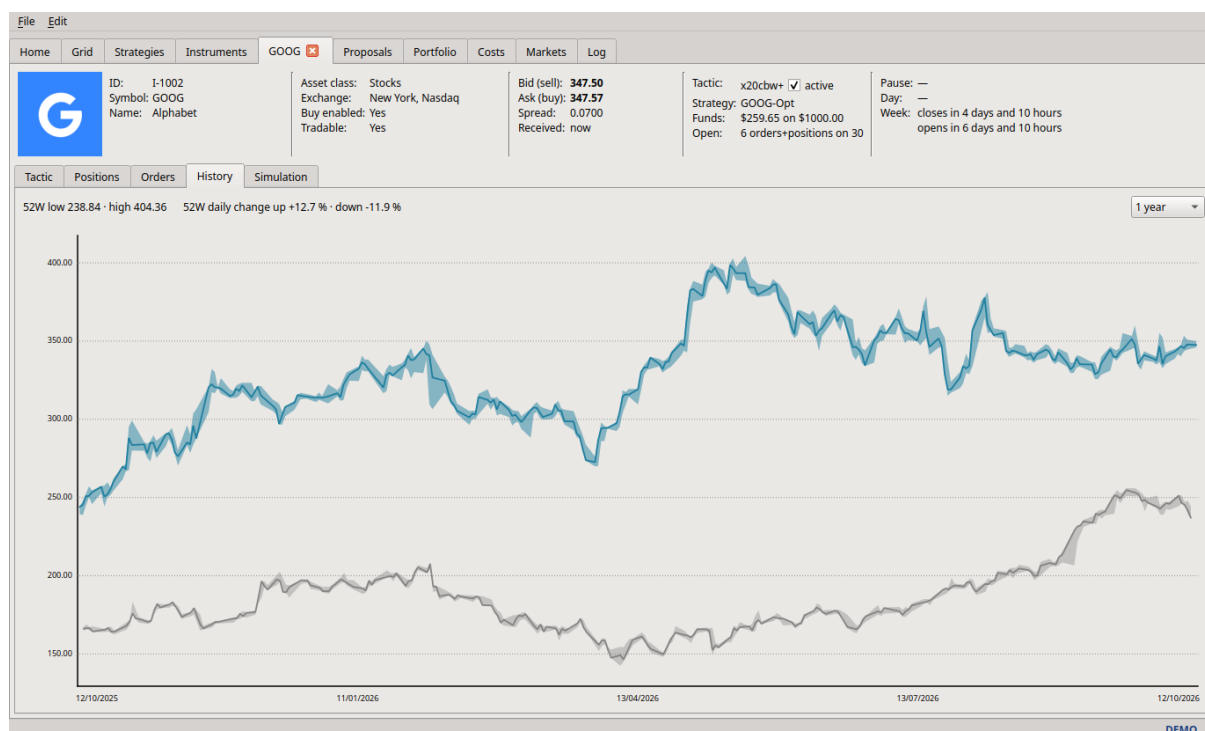
The columns: **Action**, *Open* or *Close*; **Transaction**, *Buy* or *SellShort*; **Type**, *MIT* for a grid's orders or *Market*; **Amount**; **Leverage**; **Trigger at**, the rung; **Status**.

PendingTriggeredRate is where a grid's order spends its life, waiting at its price; *WaitingForMarket*, the venue is shut; *Filled*, *Canceled*, *Expired* and *Rejected* end it. eToro keeps saying *PendingTriggeredRate* for a while after a fill: an order that has produced a position is taken as filled.

Several rows mean that the ladder has just been recomputed, or that the grid is not armed.

Neither Positions nor Orders sends anything: to act, go to Proposals.

History



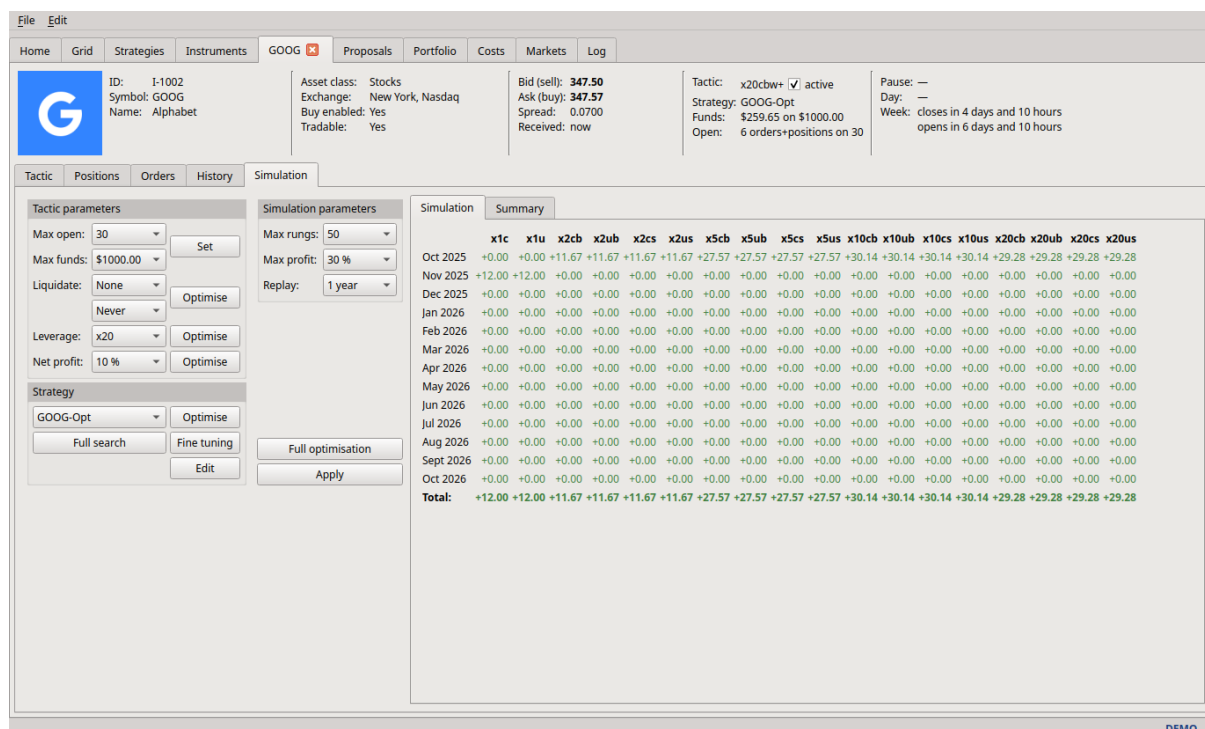
The price over a window ending now, with the window before drawn behind it.

Blue is the chosen window: the band between each day's high and low, the close traced through it. **Grey** is the previous window, shifted onto the same dates. The chooser, top right, goes from one month to one year; it changes the drawing, not any strategy.

Above the chart, over 52 weeks: the **low** and the **high**, and the largest one-day **rise** and **fall**. That fall is what a stop loss has to survive; the *Adjusted* stop is built from it.

Three things to check: that the ladder's bottom and top, on Tactic, cover the year's range; that the range is wide enough to give the rungs work; and that blue and grey look alike — if they do not, distrust any replay. The series is eToro's daily candles, kept between sessions: the one Simulation replays.

Simulation



What a strategy would have done on this instrument, month by month, at every leverage and setting side by side. Try a grid here before arming it.

One row per recorded month, one column per setting, and a **Total**, in money after the fees of Costs. The columns are named as in the *Tactic* column of Instruments. **Reading a column against its twin is the point:** x10cb beside x10ub is what the budget costs, beside x10cs what the worst days do. The **Summary** tab condenses the run, with the key to the letters.

The choosers on the left are the tactic's settings, plus **Max runs** and **Max profit**, which bound the searches. The strategy replayed need not be the instrument's own.

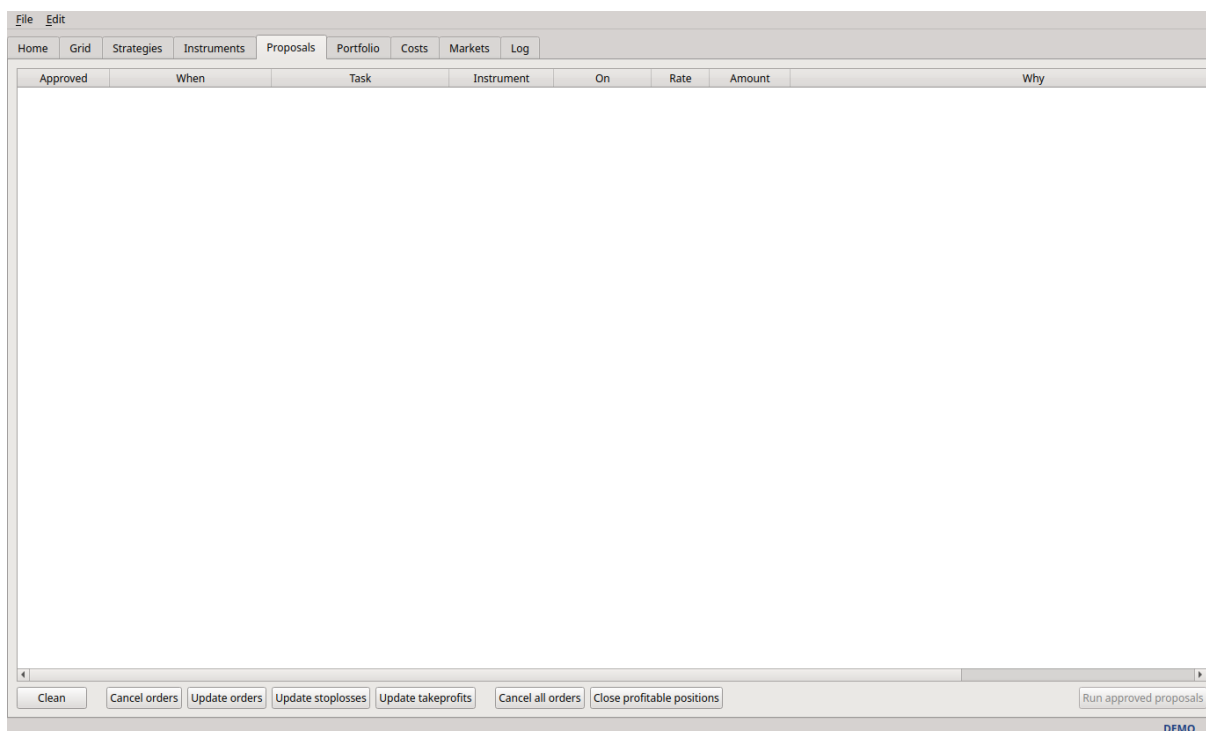
Each **Optimise** keeps the best value of one setting: leverage, strategy, target or liquidation. **Set** puts *Max open* and *Max funds* where the best column needs them. **Full optimisation** tries every strategy against every target, **Full search** every strategy there is, not only yours, and **Fine tuning** every rounding; each says first how long it will take.

Apply writes it all onto the tactic, but does not arm it. **Edit** opens the strategy.

A replay is worth less than it looks: daily candles hide in which order a day's high and low came, the fees are reconstructed from your own bills, and the past owes you nothing. Trust the comparison between two columns, not the figure.

Proposals

Everything the application would like to do to your account, and the one place where you say yes. **Nothing is sent to eToro from anywhere else.**



About once a minute, a pass over every armed grid writes down what each one implies. A pass never sends anything; a task already waiting is refreshed, not repeated.

Approved	The tick: the gate.
When	For a timed task, a clear-out, how long until it goes out.
Task	One of the eight kinds listed under Approve without asking.
Instrument, On	What it acts on, and which position or order.
Rate, Amount	The price and the money involved.
Why	The reason, in a sentence.
Status	Where it stands, below.
Blocked by	Why it cannot be sent now: no money, a shut market, a price already passed. Not an error: a task waiting for the world to change.

Rows come in the order a batch sends them: what frees money before what spends it.

Recorded — written down. *Approved* — ticked, the only state a task is sent from. *Sent* — no answer yet. *Accepted* — eToro took it. *Unknown* — the answer was lost: treated as accepted, never sent twice, given up after ten minutes if the portfolio does not show it. *Confirmed* — the portfolio shows it. *Rejected* — refused, or not sendable. *Abandoned* — declined, or overtaken by events.

The buttons

Run approved proposals sends every ticked task, a few seconds apart so that eToro does not turn the last ones away.

Cancel orders, Update orders, Update stoplosses and **Update takeprofits** ask at once for what the next pass would work out: cancel the orders off the rung below the market, place the one on it, move each position's levels where the tactic wants them.

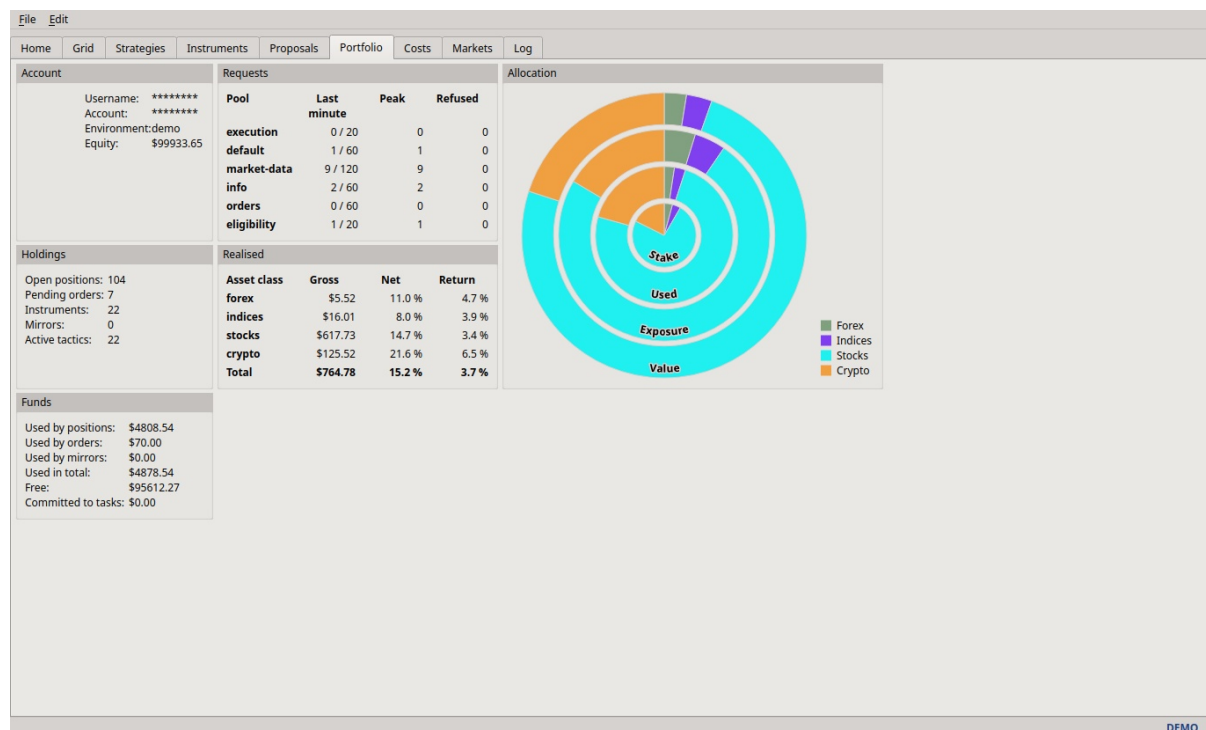
Cancel all orders and **Close profitable positions** are **sweeps**: every waiting order whatever its rung, and every position of an armed grid in profit, every fee counted, whatever its target. Both say first how many, and how much money would come back.

Clean removes the rows with nothing left to watch; what is ticked, or sent and unanswered, stays.

Automatic approval and sending are set on Configuration → Trading. Both are off on a new install.

Portfolio

The account on one screen. Nothing here can be edited, and nothing asks eToro for anything.



Account — your username and account number, partly masked, the environment, and **Equity**.

Holdings — open positions, pending orders, instruments, armed tactics that still compute, and **Mirrors**: copied traders, whose positions never reach the application.

Funds — what positions, orders and mirrors use, and the total. **Free** is eToro's figure: credit, less what the pending orders commit. **Committed to tasks** is what the proposals waiting on the table have spoken for; it is not taken out of Free, and it is the line that says why a rung can no longer be funded.

Requests — per eToro quota pool: the requests of the last minute against what the pool allows, the peak, and how many the application held back itself. A pool long near its limit means quotes arrive later than they could.

Realised — what closed positions banked, per asset class: **Gross**, **Net** over the stakes, comparable with the targets, and **Return** over the funds really tied up. The total's percentages come from the sums, not from the rows.

Allocation — four rings by asset class, from the centre: **Stake**; **Used**, with the stop loss reserve and the orders; **Exposure**, the stake times the leverage; **Value**, what the positions would give back now plus what the class has banked. A class holding a quarter of the stake and half of the exposure trades at a higher leverage than the rest. Drag the chart into a document, or press Ctrl-C, to take it as a picture.

Costs

What each instrument you hold costs to open, carry and close, at every leverage, in dollars, for the **Stake** chosen top right. A reference: nothing here proposes or sends.

File Edit									
Home	Grid	Strategies	Instruments	Proposals	Portfolio	Costs	Markets	Log	
									Stake: 10
	x1 own	x1 cfd	x2	x5	x10	x20	x30	x50	x100
Forex									
USDCHF									
Opening									
Closing									
Overnight									
Indices									
SPX500									
Opening									
Closing									
Overnight									
Stocks									
AAPL, AIR.PA, AMZN, BABA, DUOL, GOOG, HO.PA, LR.PA, META, MSFT, NFLX, NVDA, PG, QCOM, TSLA, UBER									
Opening	1.00		0.03	0.075	0.15	0.30			
Closing	1.00		0.03	0.075	0.15	0.30			
Overnight	0.00		0.0056	0.0139	0.0278	0.0556			
Crypto									
BTC, ETH, SOL, XRP									
Opening		0.10	0.20	0.50	1.00	2.00			
Closing		0.10	0.20	0.50	1.00	2.00			
Overnight		0.00	0.0056	0.0139	0.0278	0.0556			

eToro publishes no fee schedule. These figures are reconstructed from what this account was billed, and depend on the venue and on your country. If a cell disagrees with a bill, the bill is right.

Each group has three lines. **Opening** and **Closing** are both paid on every round trip, so a target has to clear them. **Overnight** is paid each night carried, and decides whether a ladder can wait months for a rung to come back.

x1 own is the asset owned outright: the venue's flat commission, nothing overnight. **x1 cfd** is the same leverage as a contract. An empty cell means not offered, or a stake below eToro's minimum there — never free. Instruments charged alike share a row: BTC, ETH, SOL, XRP.

Is the target big enough? 10 % of a \$10 stake is \$1: add the opening, the closing and a few nights. **Which leverage?** A higher one ties up less money and costs more to hold; *Overnight* decides.

Simulation and every profit the application computes use these same estimates.

Markets

When each market opens and closes, and the week ahead: the hours the grids act on.

File		Edit																
Home	Grid	Strategies	Instruments	Proposals	Portfolio	Costs	Markets	Log										
ID	Name	Opens	Closes	Next 7 days														
M-1	FX	Open	in 4 days and 7 hours															
M-4	Nasdaq	in 28 minutes																
M-5	NYSE	in 28 minutes																
M-6	FRA	Open	in 2 hours and 28 mins															
M-7	LSE	Open	in 2 hours and 28 mins															
M-8	Digital Currency	Always open																
M-9	Euronext Paris	Open	in 2 hours and 28 mins															
M-10	Bolsa De Madrid	Open	in 2 hours and 28 mins															
M-11	Borsa Italiana	Open	in 2 hours and 28 mins															
M-12	SIX	Open	in 2 hours and 28 mins															
M-13	TYO	in 10 hours and 58 mins																
M-14	Oslo Stock Exchange	Open	in 1 hour and 18 mins															
M-15	Stockholm Stock Exchange	Open	in 2 hours and 28 mins															
M-16	Copenhagen Stock Exchange	Open	in 1 hour and 58 mins															
M-17	Helsinki Stock Exchange	Open	in 2 hours and 28 mins															
M-18	Toronto Stock Exchange	in 28 minutes																
M-19	OTC Markets Stock Exchange	in 28 minutes																
M-20	Chicago Board Options Exchange	in 28 minutes																
M-21	Hong Kong Exchanges	in 12 hours and 28 mins																
M-22	Euronext Lisbon	Open	in 2 hours and 28 mins															
M-23	Euronext Brussels	Open	in 2 hours and 28 mins															
M-24	Tadawul	in 17 hours and 58 mins																
M-30	Euronext Amsterdam	Open	in 2 hours and 28 mins															
M-31	Commodity	in 0 hours and 58 mins																

eToro's API gives no trading hours. They come from the application's own rules, from tradidoll.com and from a file of your own — see Configuration → API. If a row disagrees with the exchange, the exchange is right.

- **ID** — eToro's number for the exchange, as *M-4* for Nasdaq; from 1000 up, schedules of the application's own.
- **Opens** — *Open*, *Always open*, or how long until it opens. **Closes** — how long until it closes.
- **Next 7 days** — a block per session, green for the one under way, a line at *now*; hover for the times.

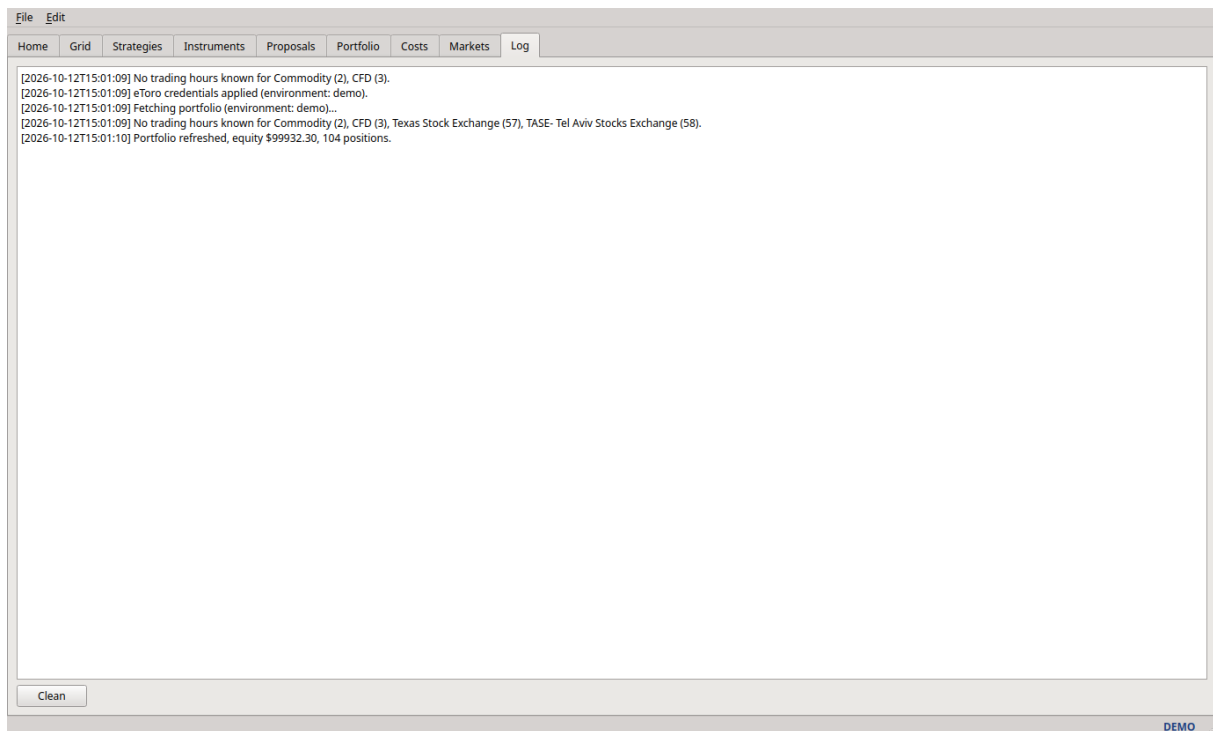
Sort on *Opens* to put the open markets first. A grey row is a market eToro no longer lists. *Commodity* and *CFD* are categories, not places, and have no row.

US 24/5 is the US stocks eToro trades around the clock on weekdays; **24/7**, the few CFDs it trades every day: GOLD, SILVER, OIL, NATGAS, SPX500, NSDQ100, EURUSD. An instrument follows such a schedule when one names it, its exchange's otherwise; its tab's header shows the result.

Holidays are mostly unknown: a market may show as open on a public holiday. These hours time the liquidations, the *When* column of Proposals and the instrument tab's header.

Log

What the application has been doing, line by line: the credentials, each fetch, what the passes proposed or refused and why, what was sent and what eToro answered. The status bar shows the last line. It is the first place to look when something quietly stops happening.



Clean empties the view, and nothing else.

The view lives in memory and is lost on quitting. Every request that changed the portfolio is also written, once eToro has accepted it, to `activity-YYYYMMDD.log`: one file a day in the data folder, compressed (.gz) at the next start. On Linux the data folders are `~/local/share/Osange/TradiDoll-demo/` and `.../TradiDoll-real/`.

Tools

Ways to take your data out of the application. None of them writes to eToro or changes anything.

CSV export

File → *Export CSV*, then **Trades**, **Open positions**, **Portfolio** or **Rates**. Each asks where to save, under a dated name such as `trades-20260925.csv`, and the Log says where it went. The file is written from what the application holds: nothing is fetched or sent.

Opening it. LibreOffice: the *comma* as separator, *Format quoted field as text* unticked, *Detect special numbers* ticked. Excel: *Data* → *From Text/CSV*, with the comma.

The format. Figures are in quotes, written as your system writes numbers ("12, 50" in French); dates in local time; amounts in US dollars; column names in the interface's language. An empty cell means unknown or none, never zero.

Trades — every closed trade, a year back on the first run and all since: the file for a tax return. Position, parent and order numbers; instrument; side; leverage, units and stake; open and close rates and times; fees; net profit.

Open positions — number, instrument, side, leverage, opening time; stake, and the amount tied up with the stop loss; open and current rates; stop loss and take profit; fees; net profit if closed now, and return.

Portfolio — one line per instrument held: asset class, exchange; open against max open; funds used against max funds; realised profit, net and return.

Rates — every instrument watched: bid, ask, spread and when read; low, high, average and mode over one year, six months, three months and a month; SMA 50, 100 and 200; change over a day to a year; Bollinger bands and %B. Quotes are those read since the start; the measures need price history, kept for what you hold and the tabs you open.