

**Upgrade Instruction**

**AlgoTrader 6.0 – Your Institutional-Grade  
Trading and Execution Platform**

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INSTITUTIONAL-GRADE  
**ALGORITHMIC**  
**TRADING SOFTWARE**  
FOR **TRADITIONAL**  
**SECURITIES** AND  
**CRYPTO ASSETS**

## Upgrade to AlgoTrader 6.0

Below are the instructions on how to upgrade your AlgoTrader 5.2 installation to the 6.0 release.

### The H2 Database and embeddedDataSource was dropped

We have removed the H2 database, which was used in backtests. Backtests now also use the MySQL DB.

It is still possible to run backtests without persistent storage. For this, just replace the “embeddedDataSource” with “hybridDataSource” in your SimulationStarter run configurations. This will allow you to use security definitions from your MySQL database while the transactional data of your simulations (orders, positions, transactions) will be kept in-memory only.

### Crypto-Security Naming Conventions

To maintain consistency in how crypto-securities are named and to keep an overview across the growing types of traded securities, AlgoTrader now follows these conventions for the security descriptions:

- BTCUSD spot
- BTCUSD-SWAP perpetual swap
- BTCUSD\*-FUT future
- BTC\*C/P-OPT call/put option

We have also added a new Security database table column **inverse\_contract**. Traders on BitMEX should rerun the reference data starter to set it to true for the (now XBTUSD) perpetual swap. The Security.inverse\_contract field is available in the Python interface as well.

### Deprecations/Method Changes

#### The Coinigy adapter has been deprecated

#### Position was removed from the Transaction entity

It is no longer possible to retrieve information about the Position out of the Transaction entity.

If your strategy relied on such a reference, it is possible to retrieve the Position via the

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PortfolioService.getOpenPosition() method. You will have to filter out retrieved Positions by given Strategy name and Security id.

Servers with crypto adapters need to be started with -Dmisc.portfolioDigits=8 because the default is 2 and position average price and cash balances are based on this.

## **About AlgoTrader**

Available on-premise or in the cloud, AlgoTrader is an institutional-grade algorithmic trading software solution for conducting quantitative research, trading strategy development, strategy back-testing and automated trading for both traditional securities and crypto assets. AlgoTrader provides everything a typical quantitative trading firm requires to run its research and trading operations. It is the very first and most advanced algorithmic trading software product to allow automated trading of Bitcoin and other crypto assets. Based in Zurich, New York, and Singapore, AlgoTrader operates globally.

For more information, please visit <https://www.algotrader.com>.

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