

ONE TICK accelerator

One solution that solves slow data retrieval issues of time series in relational databases

OneTick Accelerator is a convenient way to load time-series data, such as daily prices, volumes and fundamental data, into OneTick's high-performance in-memory database to eliminate the often restricting delays associated with data retrieval from traditional relational databases.

By leveraging OneTick's proprietary design, specifically geared toward the efficient storage and fast retrieval of very large data sets, users can achieve much higher data throughput rates than those available with standard relational databases.

Accelerate Your Performance

OneTick Accelerator significantly improves performance when storing and retrieving earnings forecasts, fundamental data, historical reference data, index compositions, industry classifications, risk models and other non-tick data types.

OneTick Accelerator provides a standard adapter that loads data directly from relational databases or flat files into OneTick's specialized in-memory database. This enables users to analyze data with OneTick's comprehensive suite of preprogrammed functions and analytics. With complete flexibility, the API allows users to insert, update and delete data. Users also can combine data from OneTick Accelerator with data and databases from other sources to run arbitrary complex queries.

Once the data is in OneTick, all the embedded OneTick business logic (i.e., corporate actions adjustments, symbol changes, portfolio level pricing and time series statistics) is available, ensuring that users receive quality query results.

Expertise You Can Count On

The OneMarketData team is comprised of industry experts who have developed critical infrastructure for the statistical arbitrage and algorithmic trading groups at Goldman Sachs and Morgan Stanley. With extensive hands-on knowledge of data management pitfalls and challenges, the OneMarketData team designed OneTick Accelerator as a complete and scalable solution that supports the data requirements of financial institutions.

About OneMarketData

OneMarketData is a leading provider of enterprise-wide tick data solutions for financial institutions worldwide. OneTick™, its flagship product, is a comprehensive business solution designed to address fully the market's need for intraday data collection, archiving, retrieval and analytics across a wide spectrum of users from various departments. Conceived to specifically address the requirements of the financial sector, OneTick's architecture and extensive built-in domain expertise offer low integration and operation costs, and fast deployment. For more information, please visit www.onetick.com.

Contact Us

We invite you to learn more about OneTick Database. Please contact us to discover the superior capabilities of OneMarketData's growing portfolio of high performance data solutions.

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The Power of OneTick Accelerator

Benefits:

- **Easy to Install** – minimal implementation and integration requirements
- **Short Learning Curve** – visual GUI allows business users to develop queries rapidly
- **Accelerated Quant Workflow** – develop and test strategies rapidly with built-in analytics and CEP
- **Multi-Asset Class Support** – collect every tick for all markets globally, regardless of tick data volume, peak data rates or type of data (including full depth of book)
- **Low Total Cost of Ownership** – fully integrated data management, analytics and CEP eliminate need for multiple platforms and minimize IT support

Features:

- **Accelerated Data Retrieval** – accelerate the data retrieval rate from relational databases
- **Unmatched Retrieval Rates** – achieve retrieval rates of millions of ticks per second per core
- **Optimized Data Storage** – stores data in a proprietary archive structure optimized for efficient time series and bulk data queries and rapid cross-sectional queries
- **100+ Preprogrammed Analytics** – apply over 100 preprogrammed functions to strategies running on historical and real-time data
- **Out-of-the-Box Feed Adaptors** – includes APIs to all major real-time and historical data feeds
- **Platform Flexibility** – runs on Linux, Windows or Solaris

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