
Extra, extra! It's a real-time event-based API!

By Editorial Staff Thu, May 12, 2016

Wealth management firms, brokers, exchanges, trading software providers and fintech start-ups can use the service, which can monitor price data on stocks, futures, options, forex, mutual funds, ETFs and indexes.

In the future—no, make that the present—you won't have to ask for the financial news that's most important to you. Your phone will tell you that it is ready for your inspection.

Barchart, a provider of financial market data and technology, has released a “real-time event-based [API](#),” a new managed service that allows firms to integrate event-based alerts, that use market data and related information, into their websites, software, mobile apps and internal systems.

According to Barchart:

A firm can use the API (application programming interface) to build its own interface with the service which then monitors user specified conditions in real-time and notifies the user via SMS, email and/or push notification when the condition is met.

Alerts can be sent when the price or volume of a financial instrument crosses a specified level, or when news on a company is released. More sophisticated conditions can be created using technical and fundamental data or by stacking conditions together, the Barchart release said.

The cloud-based service is built upon Amazon Web Services (AWS) infrastructure. “It offers a complete managed service for financial data monitoring and alerting that is auto-scalable, resilient and redundant throughout multiple AWS availability zones,” the release said.

“The storing, monitoring and sending of the event based alerts are managed by Barchart inside of AWS,” said Eero Pikat, president of Barchart, in a release. “We also supply the underlying market data, news, fundamental or technical data required, though we can also integrate and apply your own set of data. The service is designed to be extremely robust and scalable, as it is fully leveraging the power of cloud computing.”

Wealth management firms, brokers, exchanges, trading software providers and fintech start-ups can use the service, which can monitor price data, news, public company financials and ratios, and technical data like moving averages and stochastics. It can monitor price

data on stocks, futures, options, forex, mutual funds, ETFs and indexes.

The service can also be configured to monitor real-time, delayed or end-of-day data. As a web services based solution, the API is compatible with any operating system, such as Windows, Linux, iOS or Android, and any programming language, such as Java, PHP or ASP.NET.

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