DevOps monitoring

Real-time visibility across all systems, applications and infrastructure

For our users in the DevOps monitoring and metrics space, most are in medium to large organizations. Some of these users are building custom monitoring solutions from scratch, deploying the InfluxDB platform to first track their servers, VMs, containers, data stores, and network hardware and later as a generalized metrics platform for application developers within the organization. Others are using InfluxData to supplement commercial APM products to instrument aspects of the InfluxDB platform for which no probes or agents exist, or to stitch together metrics from multiple monitoring solutions. And in both cases, users are not only gathering metrics to determine a baseline about the health of their systems but also using InfluxDB as the place to accumulate their log events. Having access to log data is secondary and an important contextual source to help further triage and resolve issues.

Real-time analytics

Real-time process and performance data to make decisions on the fly

We see organizations of all sizes working with real-time analytics. Some are building applications that will face their users with InfluxDB as the underlying database while others are instrumenting business, social or development metrics in real-time for internal consumption. We frequently see users start with the DevOps custom monitoring and metrics use case, who then move into real-time analytics once the platform is deployed. InfluxDB eventually becomes the central store for all time series, sensor and analytics data.

Internet of Things (IoT)

Insights from sensor data to enable automation, predictive maintenance and innovation

We have also found that there are a number of IoT use cases. We've seen users in industrial settings like factories, oil and gas as well as renewable energy plants, agriculture, smart homes, roads and infrastructure. There are also users in consumer grade IoT-like wearables, consumer devices and trackers.