

IoT Center Workshop InfluxDB

Miroslav Malecha / Product Manager Bonitoo.io



Agenda

- What is InfluxDB?
- IoT Center Demo Application
- Install IoT Center
- Build InfluxDB data queries
- InfluxDB JS Client library introduction
- Add geo widget into Node.js application
- InfluxDB as monitoring platform for Node.js

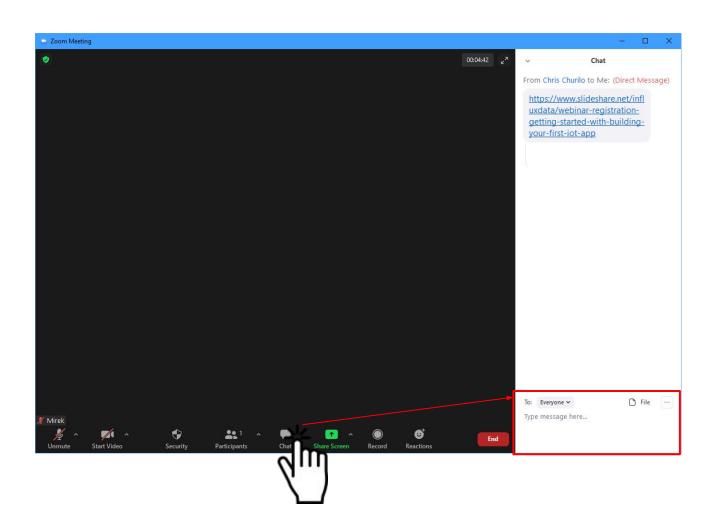


Issues, Questions?

Please use **Chat** in Zoom:

- Something does not work
- Questions
- Comments

Link to all the decks are available in the chat for **copy-paste**



https://www.slideshare.net/influxdata/webinar-registration-getting-started-with-building-your-first-iot-app



InfluxDB Time Series Platform

EMPOWERS DEVELOPERS TO BUILD IOT, ANALYTICS, & MONITORING SOFTWARE.

- Purpose built to handle the massive volumes of time stamped data
- Easy to share, easy to extend
- Multi data source
- Open Source (MIT license)
- Easy to get started but powerful to scale



Powerful APIs, Tools, & Ecosystem

Developers using the InfluxDB platform build their applications with less effort, less code, and less configuration.

Unrestricted developer productivity

Client and server libraries in everything from React, JavaScript, Go, Python and more.

Get a head-start with templates

Inspiring templates for every use case. Easy to create and share — find what's right for you.

Vibrant open source community

A diverse and highly motivated community, making contributions in code, & documentation.

Powerful & active ecosystem

200+ Telegraf plugins, integrations with Grafana or data sources like Google Bigtable.





Accumulate — Analyze ——— Act **InfluxDB** Google Cloud Telegraf inputs Alert integrations Services Enterprise Cloud PagerDuty Stackdriver plugin Cloud Monitoring & Cloud Logging Slack Kubernetes plugins Alerting & notifications (Stackdriver) Webhooks Docker plugins Data analysis & anomaly detection Cloud Build ---System plugin Visualization & dashboarding GKE Telegraf outputs Cloud Pub/Sub plugins Real-time data stream and batch processing Cloud Pub/Sub Cloud Pub/Sub Prometheus plugin Purpose-built time series database App Engine Stackdriver Client libraries Compute Engine Google Cloud infrastructure Client libraries Cloud IoT Flux Core Grafana BigQuery, Cloud Bigtable Cloud Bigtable joins AI/ML frameworks



SQL & NoSQL Stores

Deployment options

InfluxDB Cloud

https://cloud2.influxdata.com

Local deployment (OSS)

