



IoT Center Workshop

InfluxDB

Chris Churilo
Influxdata

Miroslav Malecha
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

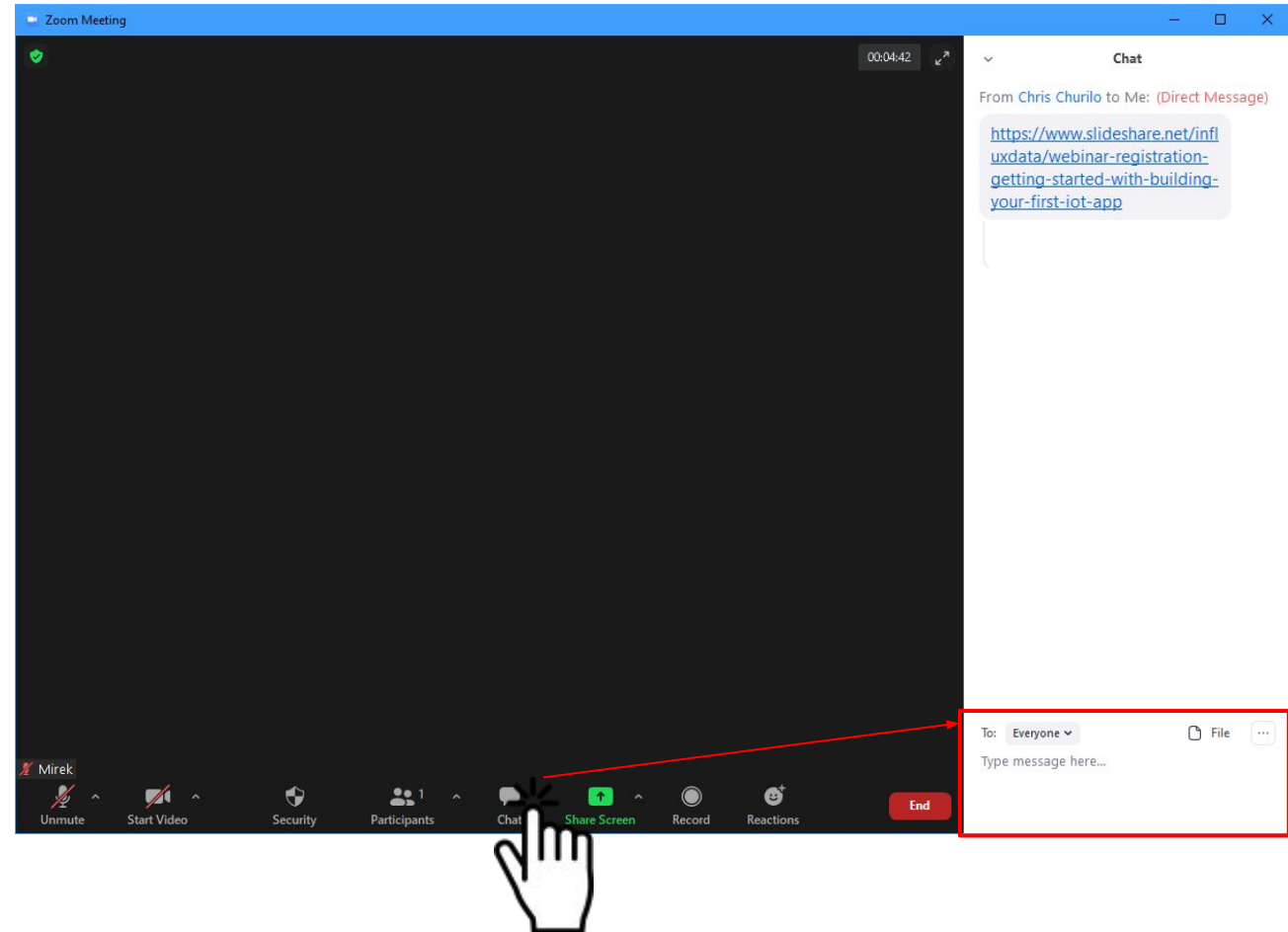


Issues, Questions?

Please use **Chat** in Zoom:

- Something does not work
- Questions
- Comments

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



Slides location: <https://github.com/bonitoo-io/iot-center-v2/tree/master/slides>



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

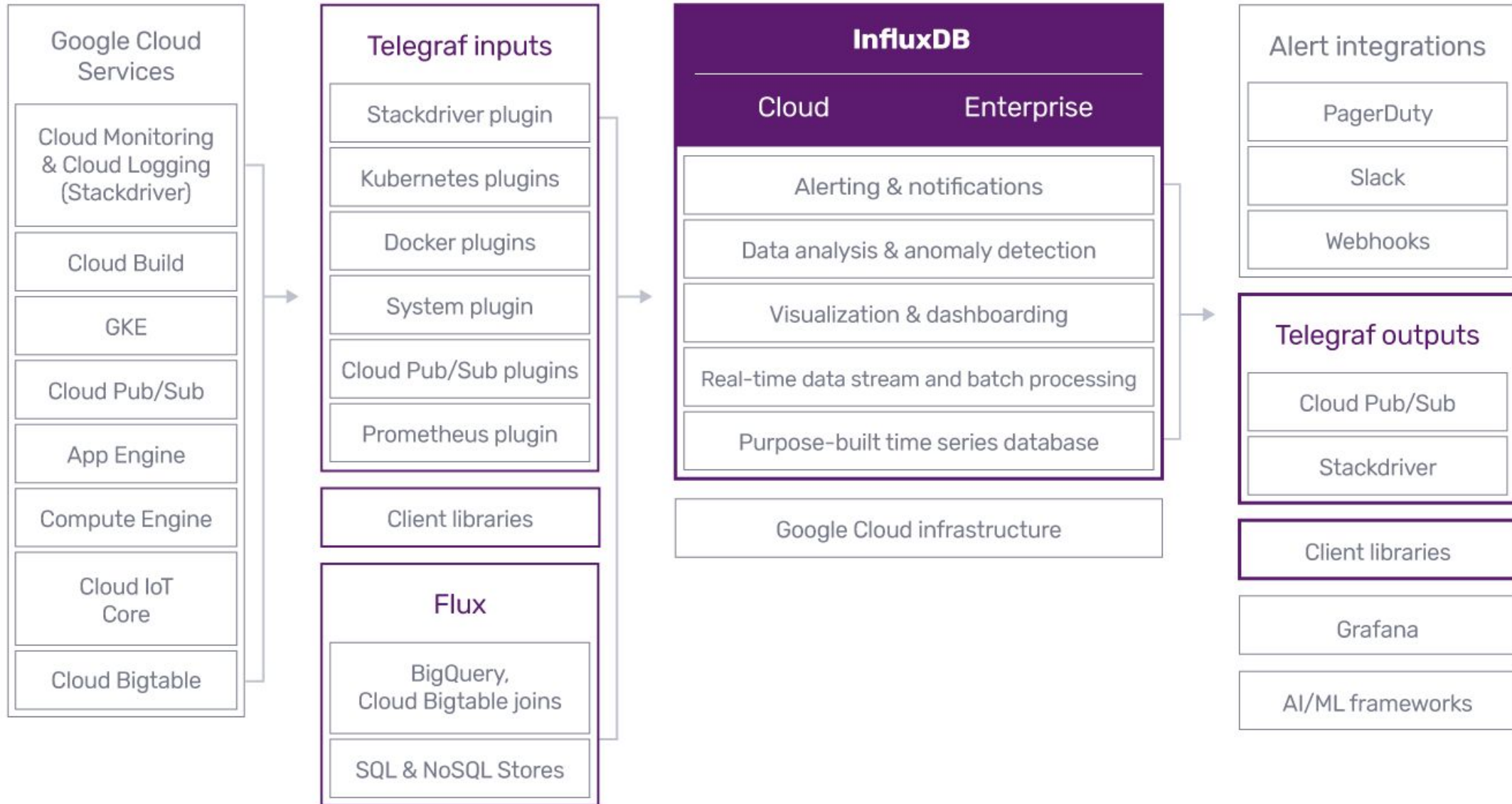
200+ Telegraf plugins, integrations with Grafana or data sources like Google Bigtable.



Accumulate

Analyze

Act






Deployment options

- InfluxDB Cloud
<https://cloud2.influxdata.com>
- Local deployment (OSS)

influxdb cloud

Want a plan with no limits?
You can upgrade later at any time.

| Usage-Based I know my workload | Free I'm just trying this out | Annual Enterprise scale |
|---|---|---|
|  |  |  |
| Unlimited Storage | 30 days Storage | Unlimited Storage |
| Slack, PagerDuty, and HTTP | Slack only | All Alert Handlers |
| Unlimited Reads Unlimited Writes Up to 1,000,000 Series | 1000 kb/s Reads 17 kb/s Writes Up to 10,000 Series | Unlimited Reads Unlimited Writes Unlimited Series |
| Billed monthly | No credit card required | Yearly Contract |
| Upgrade Now | Keep | Contact Sales |

