InfluxDB 2.0

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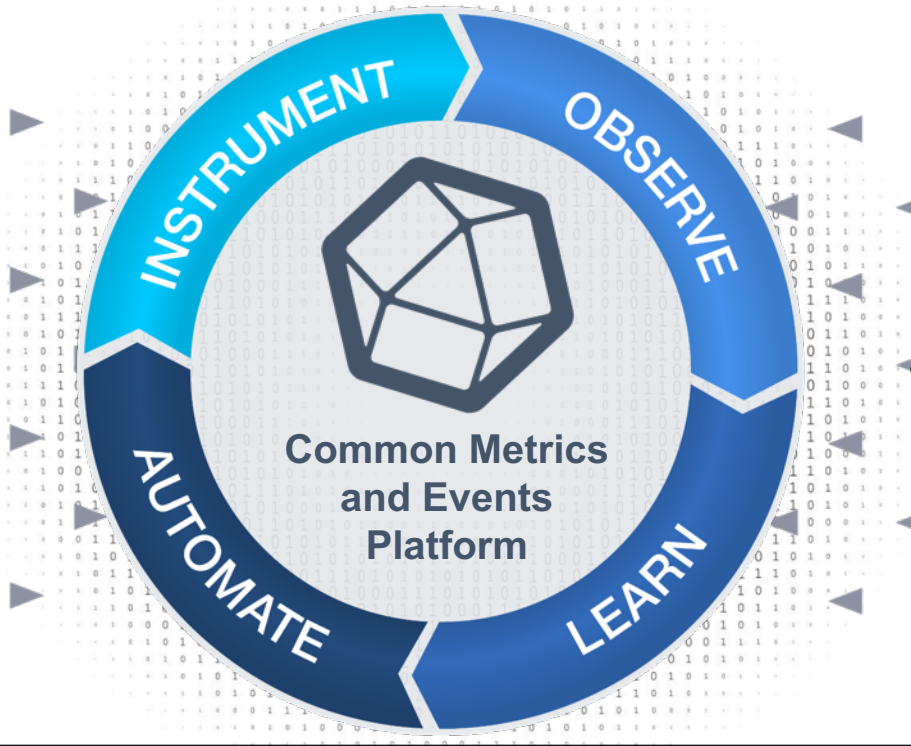
What is InfluxDB 2.0?

Platform Strategy:
Be The Platform of Choice for All Metrics and Event Workloads

IoT
Sensor
Events

Infrastructure
& Application
Metrics



Business
Events

Application,
Custom Logs &
Traces

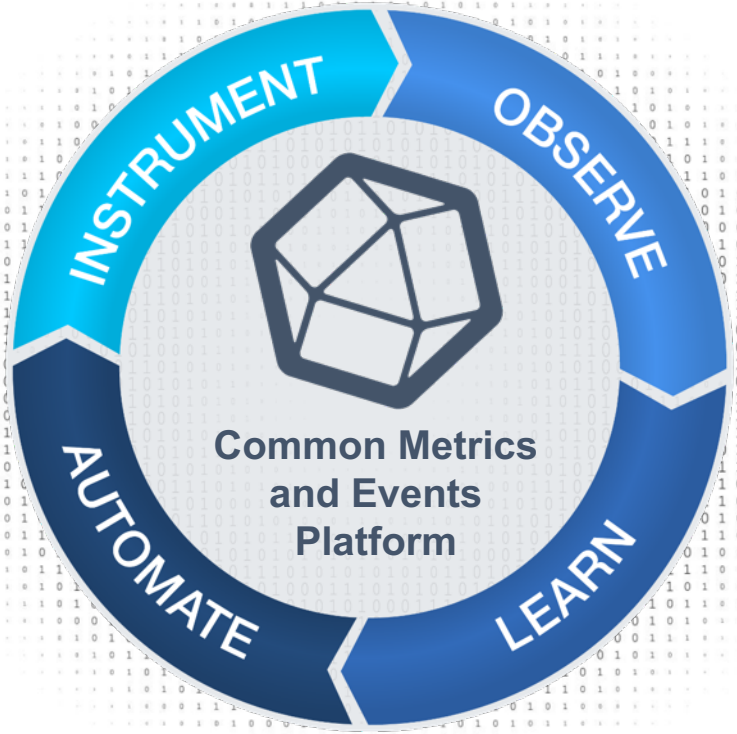
InfluxData Platform Features

INSTRUMENT

- ✓ Quickly ingest data from everywhere
- ✓ Efficiently store (Compress) the data at scale

AUTOMATE

- ✓ Provide automation and control functions
- ✓ Evict and down-sample data



OBSERVE

- ✓ Support real-time query, analysis and visualization of large data sets
- ✓ Provide time-based functions for “change over time”

LEARN

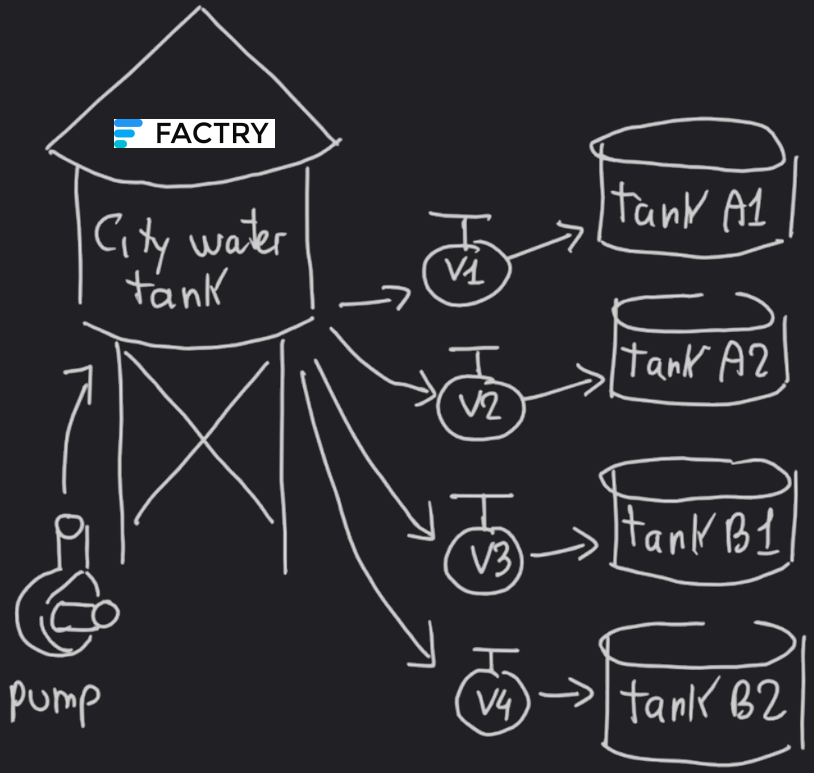
- ✓ Enable machine learning and anomaly detection
- ✓ Provide streaming analytics for data in motion

What's New in InfluxDB 2.0

- The **UI** is very **different**
  - **Key feature**
    - From wizard to build out scripts in 1.x
    - To a **visual query builder** in 2.0.
  - **Load data** from the UI
  - Download Telegraph configuration
  - Dedicated API layer to serve UI for all deloyments (OSS, Cloud, and Enterprise)
- **Tasks** are a brand new concept
  - Flux queries that can be scheduled
- **Tokens**
  - secure third party systems to write or read data

DEMO

Scenario


FACTRY
City water tank
V1
V2
V3
V4
tank A1
tank A2
tank B1
tank B2
pump

Dashboard

Fill Level of City Water Tank
500
-01 09:00:00 GMT+2
Open valve(s)
4
Current Status of Valve V1
1
Current Status of Valve V2
1
Current Status of Valve V3
1
Current Status of Valve V4
1
Level difference every minute
-5
-10
-01 09:00:00 GMT+2
Total Tanks' Levels
1.3k
1.25k
0-01 09:00:00 GMT+2
Fill Level of Tank A1
500
400
300
200
100
0
-01 09:00:00 GMT+2
Fill Level of Tank A2
500
400
300
200
100
0
-01 09:00:00 GMT+2
Fill Level of Tank B1
500
400
300
200
100
0
-01 09:00:00 GMT+2
Fill Level of Tank B2
500
400
300
200
100
0
-01 09:00:00 GMT+2
Pump Speed
0
I 09:00:00 GMT+2
Total flow rate
750
Flow Rate Valve V1
100
Flow Rate Valve V2
200
Flow Rate Valve V3
250
Flow Rate Valve V4
200

Dashboard

You will be able to do it yourself by the end of this training!

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