

Journeying through the Tales of Open Telemetry

A Dive into the
OpenTelemetry Framework

Feb 2024



SigLens



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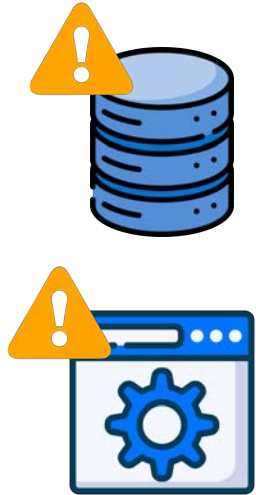
Imagine this



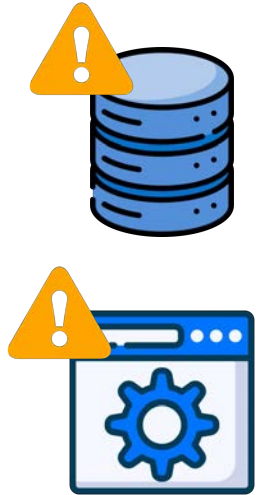
Imagine this



Imagine this



Imagine this



FOR THE LAST TIME

**I HAVE NO IDEA WHY
WHAT'S WRONG
WITH THE SERVERS**



Getting Familiar with **Observability**

- Get insights into your systems
- Use this data to evaluate and improve performance
- Useful for debugging and predicting issues
- 3 main pillars of Observability



Logs

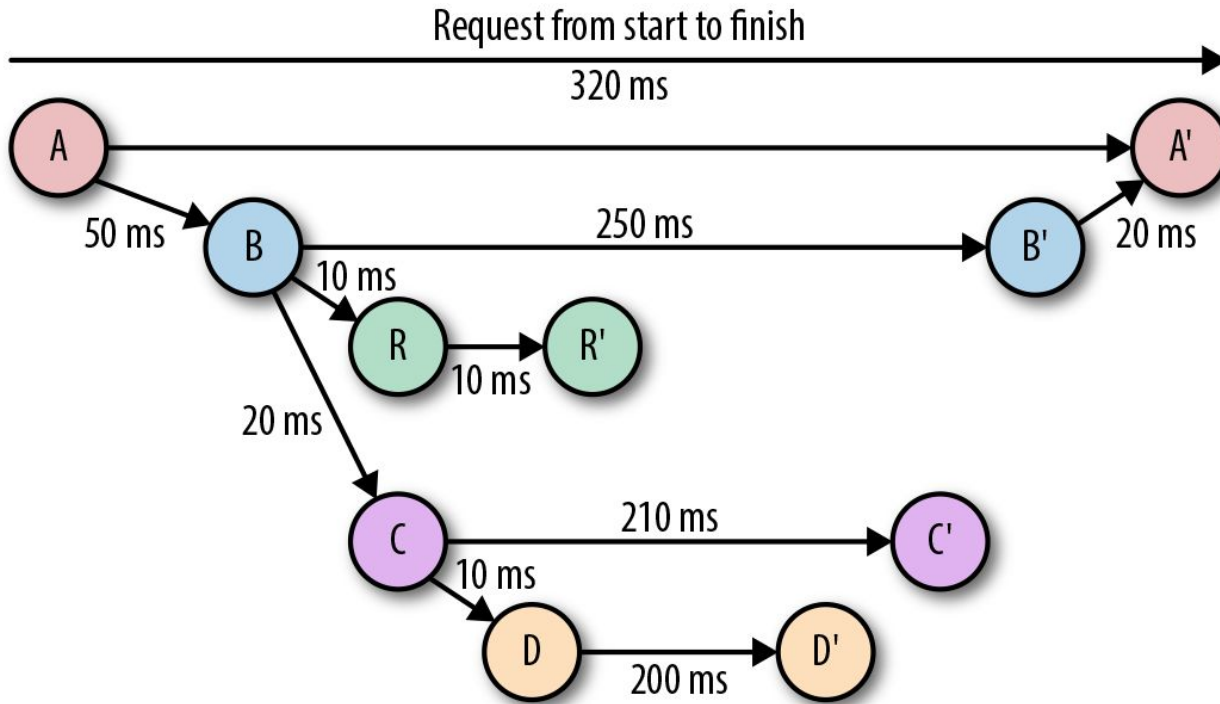
timestamp ↑	_index	address	app_name	app_version	batch	city	country
Feb 21st, 2024 @ 14:00:19	ind-0	5066 Walk chester, Buffal...	Yakmay	1.4.2	batch-911	Buffalo	Central African Republic
Feb 21st, 2024 @ 14:00:19	ind-0	255 East Summit fort, Oa...	Jellyfishdid	1.18.12	batch-816	Oakland	Netherlands
Feb 21st, 2024 @ 14:00:19	ind-0	85638 Key view, Louisville...	Gerbilcrawl	2.7.6	batch-382	Louisville/Jefferson	Faroe Islands
Feb 21st, 2024 @ 14:00:19	ind-0	547 Common borough, Hi...	Armymight	3.19.20	batch-708	Hialeah	Tonga
Feb 21st, 2024 @ 14:00:19	ind-0	71355 Lake Hollow berg, ...	Antelopecan	2.10.3	batch-441	Chesapeake	Bahamas
Feb 21st, 2024 @ 14:00:19	ind-0	4764 South Plains fort, Ci...	Cackleride	5.10.2	batch-977	Cincinnati	Tunisia
Feb 21st, 2024 @ 14:00:19	ind-0	4763 New Land ton, Tucs...	Waspeat	4.16.17	batch-108	Tucson	Viet Nam
Feb 21st, 2024 @ 14:00:19	ind-0	59051 New Fields port, L...	Rainsit	4.15.16	batch-831	Los Angeles	Mozambique
Feb 21st, 2024 @ 14:00:19	ind-0	58953 Bridge shire, Jacks...	Bookstoreclap	1.15.1	batch-93	Jacksonville	Cambodia
Feb 21st, 2024 @ 14:00:19	ind-0	76053 North Motorway fo...	Grasshopperthrow	2.7.1	batch-149	Boise	Saint Helena, Ascension ...
Feb 21st, 2024 @ 14:00:19	ind-0	889 Corners fort, New OrL...	LightPinkbody	4.5.1	batch-174	New Orleans	Jordan



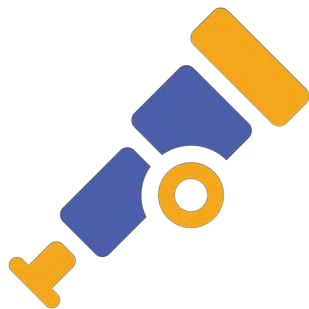
Metrics



Traces

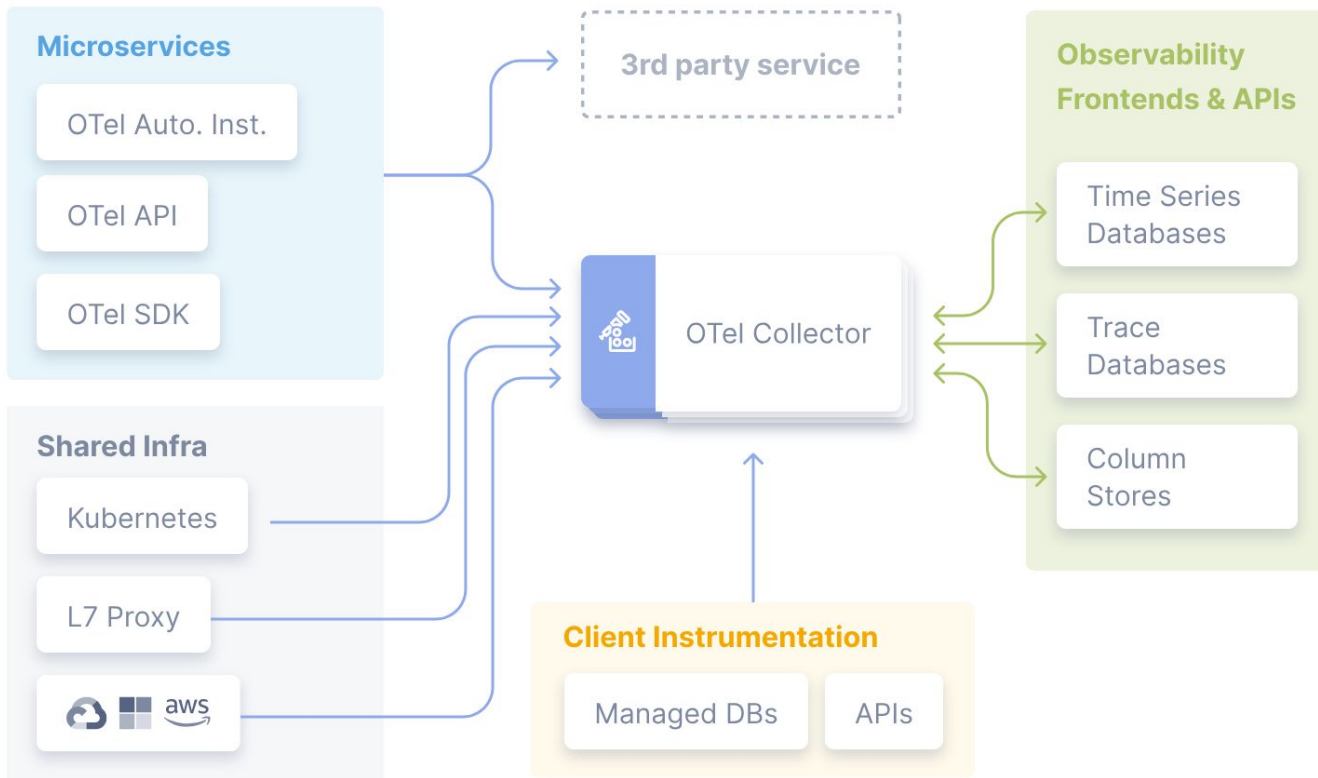


What is **Open Telemetry**?

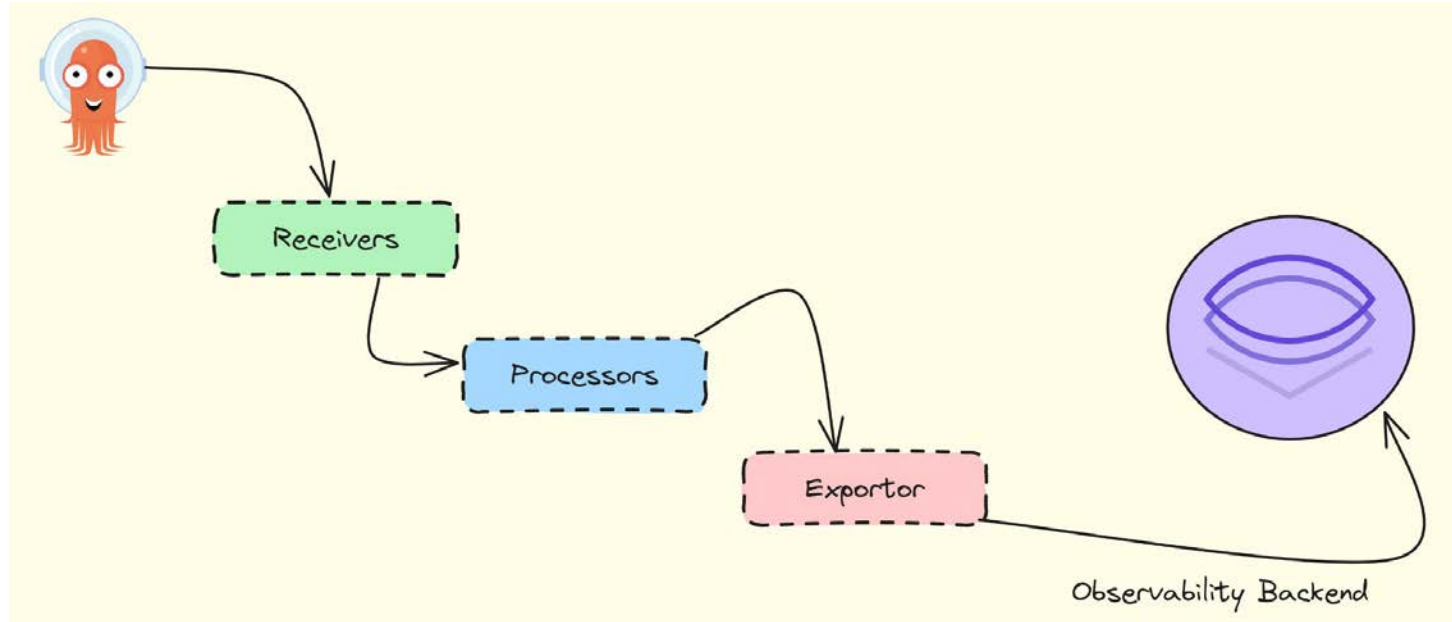


OpenTelemetry

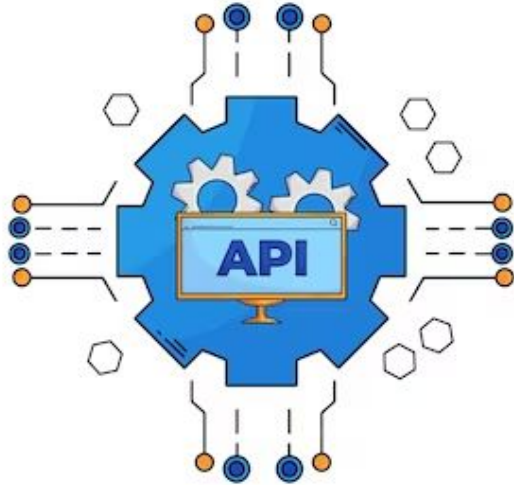




How does it work?

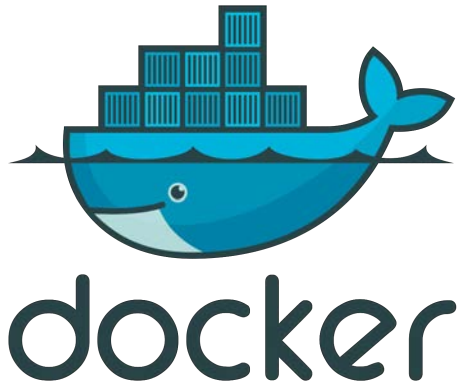


How to get started?



ADMINISTRATOR

2 ways to install



```
receivers:
  otlp:
    protocols:
      grpc:
        endpoint: 0.0.0.0:4317
      http:
        endpoint: 0.0.0.0:4318
processors:
  batch:

exporters:
  otlp:
    endpoint: otelcol:4317

extensions:
  health_check:
  pprof:
  zpages:

service:
  extensions: [health_check, pprof, zpages]
  pipelines:
    traces:
      receivers: [otlp]
      processors: [batch]
      exporters: [otlp]
    metrics:
      receivers: [otlp]
      processors: [batch]
      exporters: [otlp]
    logs:
      receivers: [otlp]
      processors: [batch]
      exporters: [otlp]
```



Thanks for attending

Try SigLens as
the O11Y
Backend

