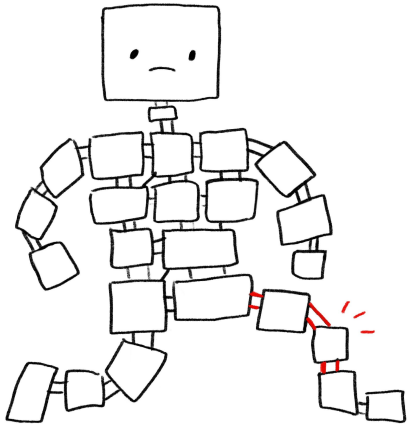
OpenTelemetry makes observability simple.

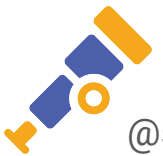
Liz Fong-Jones (@lizthegrey) &
Sarah Novotny (@sarahnovotny),

on behalf of @OpenTelemetry

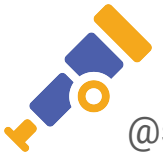
Cloud-native systems are complex.

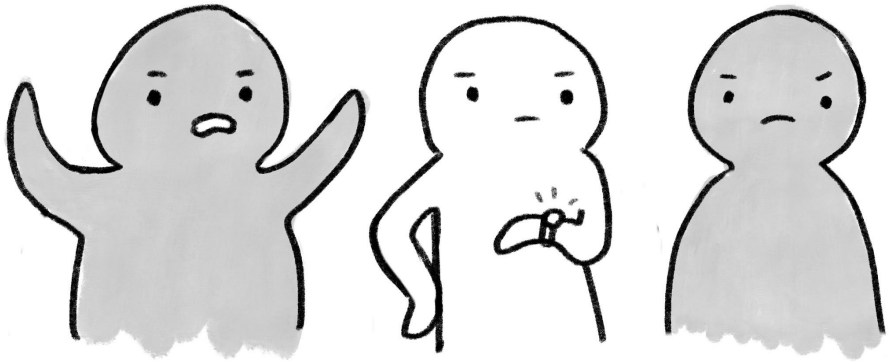


Microservices. Deep systems.

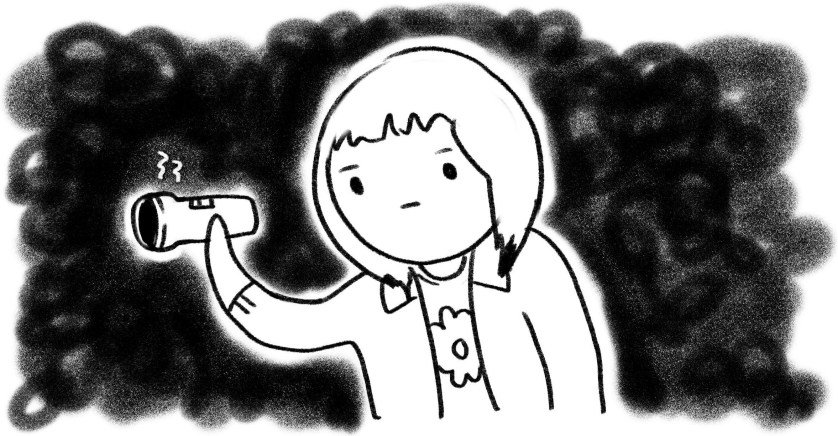


Cloud providers. Serverless.

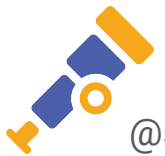


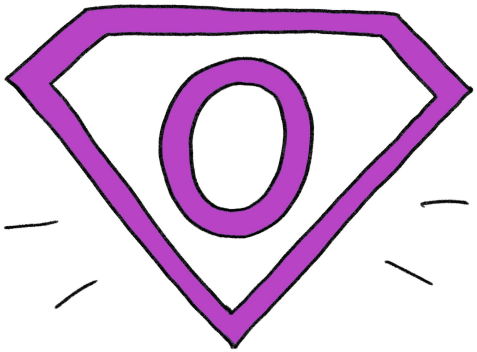


Each user's experience matters.

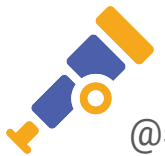


and it's hard to see clearly...

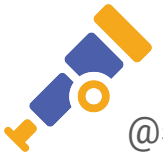




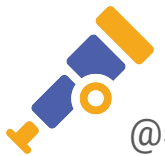
We need observability.



New methods for cloud-native systems.



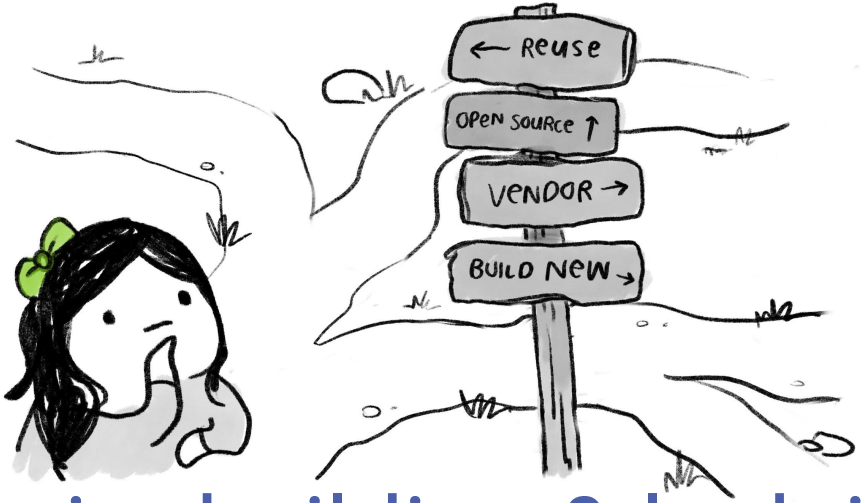
Why has o11y been hard to achieve?



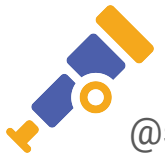
Confusion of o11y & instrumentation.

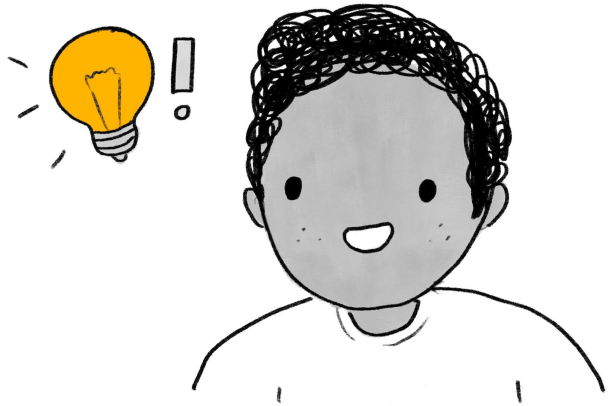
Fragmentation of solutions.

Lack of common terminology.

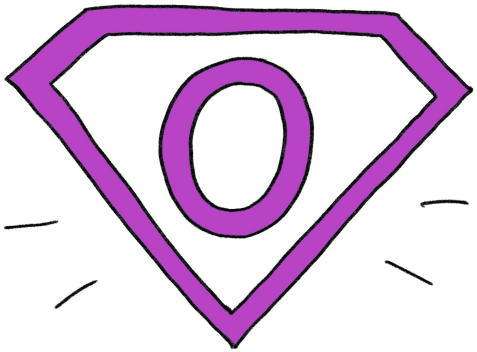


Empire-building & lock-in.

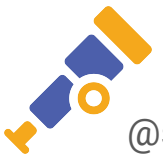




Let's refocus on users.

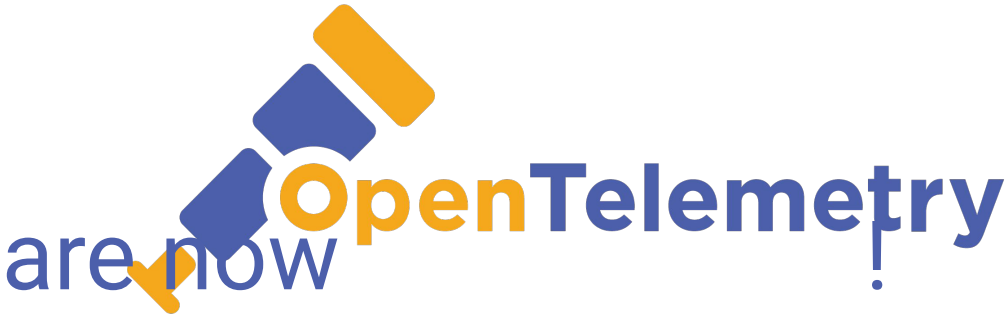


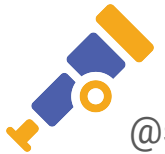
Observability is an imperative.



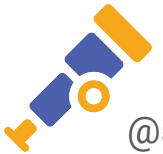
Now things have changed!

OpenCensus and OpenTracing


are now OpenTelemetry!

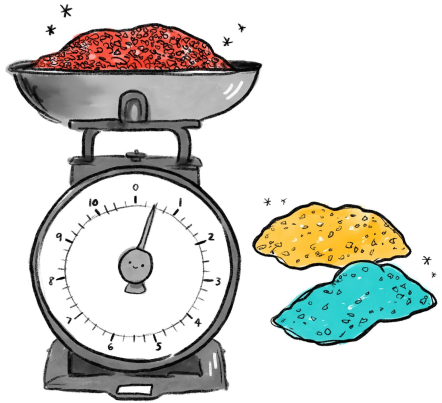


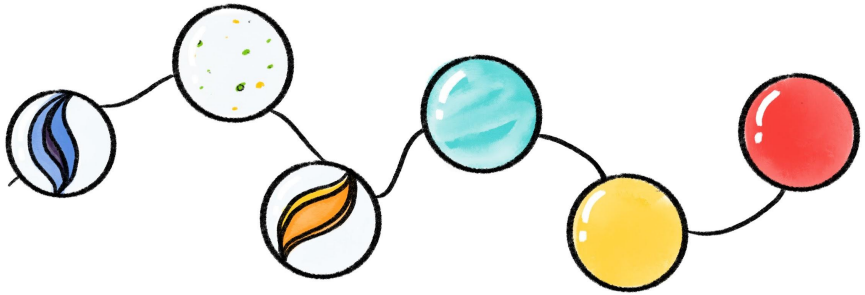
Users win.



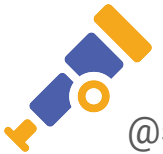
Providers win.

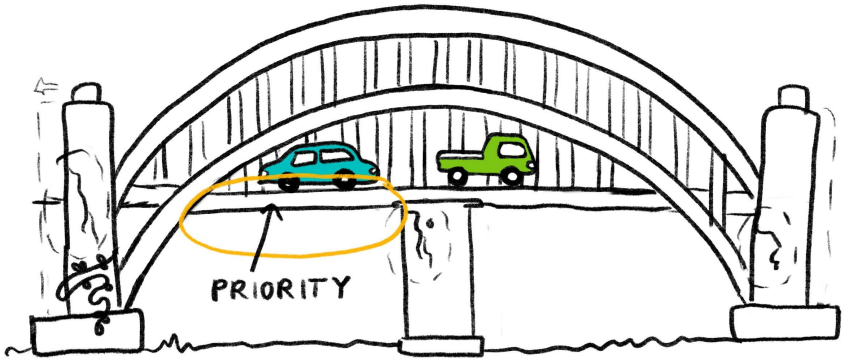
Accomplishments to date.



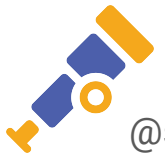


Metrics and tracing. Simplified.

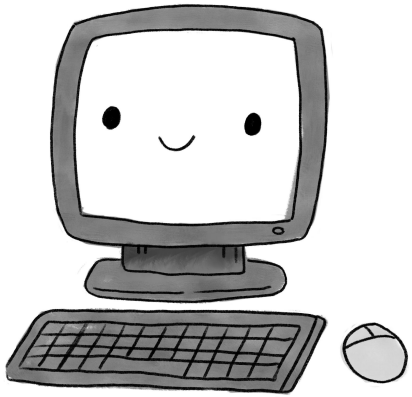




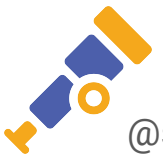
Collection & compatibility bridges.

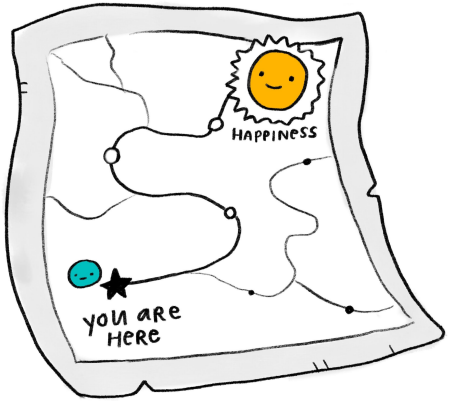


Robust language support.



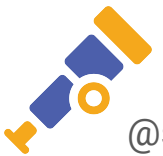
Time to show off.





Features and stability ahead.

Project	v0.1	v0.2	v0.3	v0.4	beta	rc	v1.0
.NET							
Go							
JavaScript							
Java							
Python							
PHP							
Ruby							
Collector							



Prometheus

OpenCensus and OpenTracing

LIGHTSTEP

Azure

kubernetes

honeycomb.io

shopify

dynatrace

zalando

HEROKU

splunk>

Uber

DATADOG

New
Relic

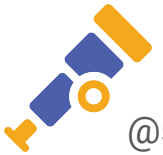
Red Hat

SENTRY

Google Cloud

Montréal

Zillow



Postmates

Join us in building the future!

OpenTelemetry.io

@sarahnovotny & @lizthegrey, #KubeCon. Illustrations by @emilywithcurls.