

Ask team: why is it hard to correlate log messages?
(Hard Thinkie?)

Collect list of "similar" features to log messages

Ask: are there other things we might need to correlate?

Talk about the need for synchronization in general

Solve the problem of distributed tracing on a module level while still on a monolith (eg, use correlation/causation ids) and make sure it will still work when moving to microservices (eg, DataDog, Zipkin, plug required libraries)

Research open standards and off-the-shelf solutions.

explore open telemetry (if possible with a off-the-shelf solution)

base on standards and open source component solve the problem in a subset of services (own by the same team?)

If this worked we can shell the idea to the rest of the engineering org as part of the golden path

Use standards (like otel/wc3) for distributed tracing as services are called

Prototype a commercial solution like Honeycomb

Go back to a monolith