




# ETL With Change Data Capture In 30 Minutes

**Gunnar Morling**

Senior Staff Software Engineer, Decodable

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# Agenda

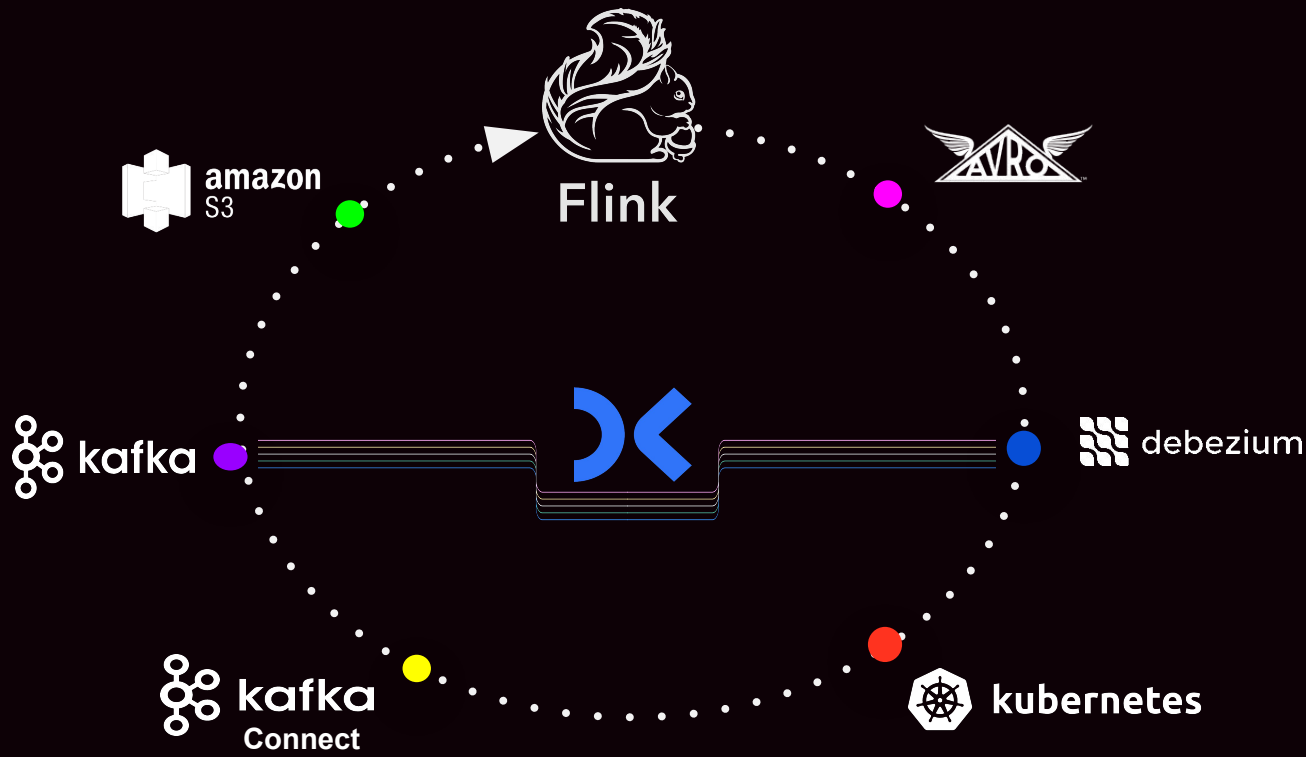
- ✓ Introductions
- ✓ Overview
- ✓ Demo
- ✓ Q&A

# Gunnar Morling



- Software engineer at **Decodable**
- Former project lead of **Debezium**
- **kcctl** 🧸, JfrUnit, ModiTect, MapStruct
- Spec Lead for Bean Validation 2.0
- Java Champion

# Pipeline-as-Service Platform



# Apache Flink

- The industry standard for low latency stream processing
- Proven at scale with wide industry adoption by the most innovative companies
- One of the most active projects at the Apache Software Foundation
  - Ranked higher than Apache Kafka (OSSRank)
  - 3x commits vs Kafka in the last 12 months
  - 50% more contributors vs Kafka
  - More commits than Apache Spark in the past 12 months

Uber

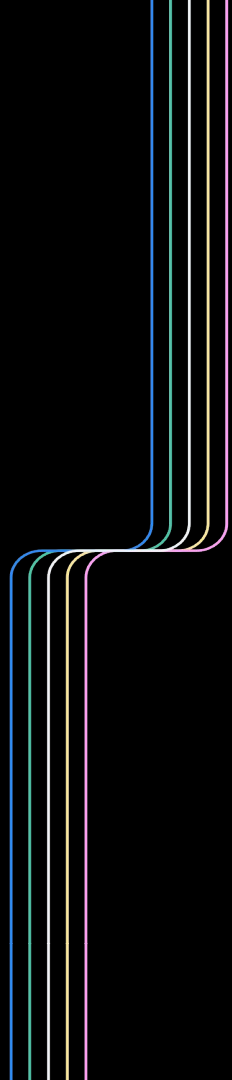


VISA

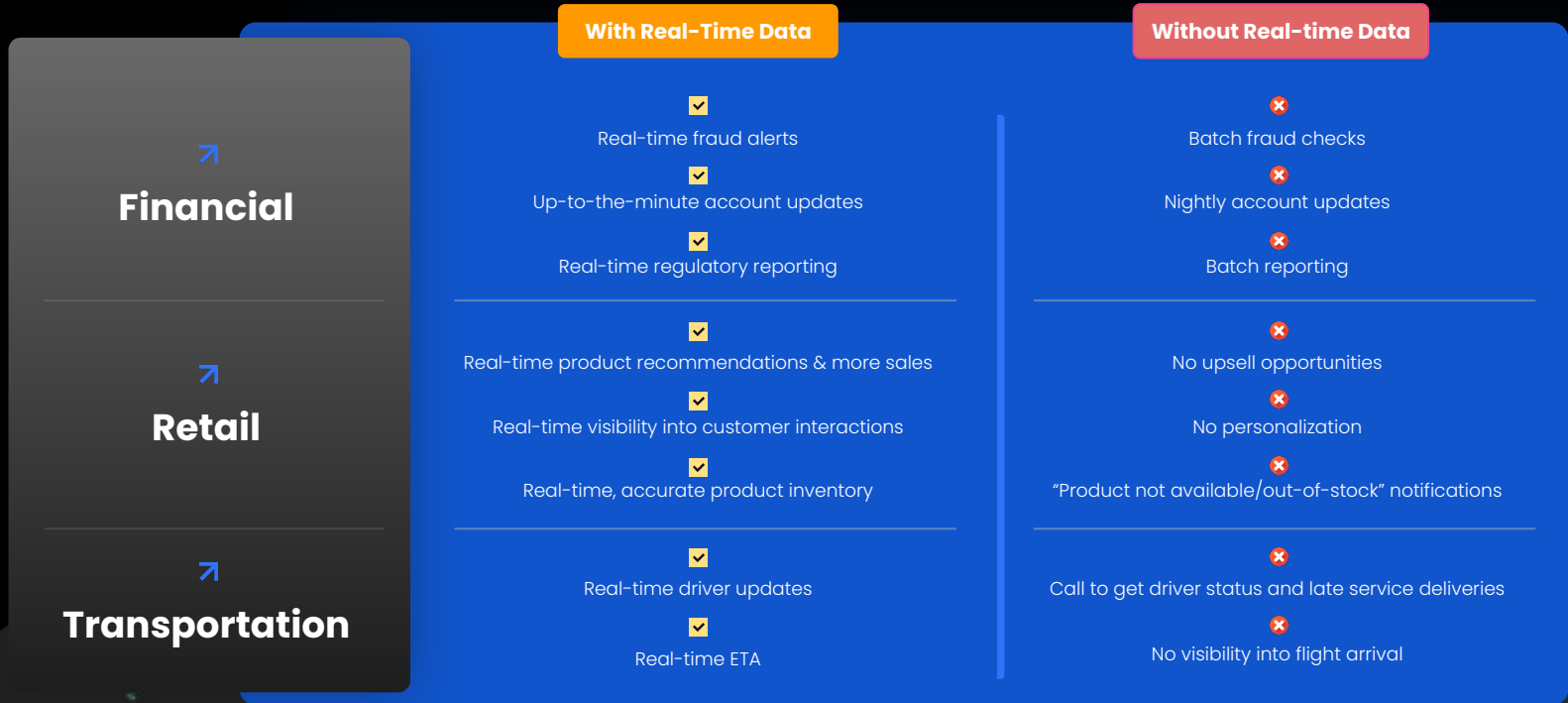


# Debezium

- Open-source platform for change data capture (CDC)
- Retrieves change events from the database transaction log
- Support for snapshotting, filtering, outbox pattern, etc.



# What Real-Time Data Enables



1000+  
Contributors



20k+ ☆  
GitHub  
Stars

### Fully Managed Platform

The Decodable data streaming infrastructure is built on Apache Flink, a powerful and reliable open source technology, delivering fast time-to-value without the complexities

### Seamless Developer Experience

Decodable is built by data engineers for data engineers - Intuitive user-interface (UI) and simple abstractions, integrating seamlessly into your workflow

### Fast time to deployment

Simple deployment of pipelines without provisioning, configuring, or managing any infrastructure, while reducing costly and time-consuming tasks, risks from human error. You can see results in minutes, not months

### Enterprise-level support without the enterprise cost

Access to a team of technical experts to help mitigate any potential risks and issues without the enterprise support cost

### Connector Library

33+ pre-built connectors to the most widely used databases and data lakes

### Operational Cost Reduction

Reduce database costs by offloading storage and compute costs to process and optimize data before it reaches its destination

# The Decodable Difference





# Decodable Completes Apache Flink

Developer Productivity	Efficient Operations	Enterprise Readiness	Partnership for Success
<b>Beginner Friendly</b> API, UI, CLI Intuitive to guide users to build correct and safe pipelines	<b>Management &amp; Monitoring</b> Updates & upgrades   Built-in monitoring   Proactive support	<b>No-ops SaaS and BYOC</b>	<b>Expert Flink and Debezium Partner</b>
<b>Rapidly Prototype and Iterate</b> Build complex jobs with ease - see results in seconds	<b>Connect to Anything</b> No-ops integration with 33+ sources and sinks	<b>Compliance</b> SOC 2 Type 2 GDPR	<b>At least 9 months faster to production</b>
<b>Observe</b> See your data & schema every step of the way	<b>Deploy</b> GitOps Ready for stream processing CI/CD & effortless scaling	<b>Resilience</b> Multi AZ Clusters   99.95% SLA	<b>80% reduction in ongoing maintenance and labor</b>



**Demo Time**



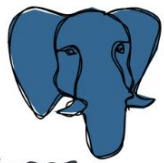
Products

Products Stream



Orders

Orders Stream



Shipments

Shipments Stream

Decodable <>

Enrich orders

Enriched Orders Stream

Detect Destination Change

Shipment Change Events Stream



mongoDB

Postgres



# Thank You!

Free trial



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E-Mail

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