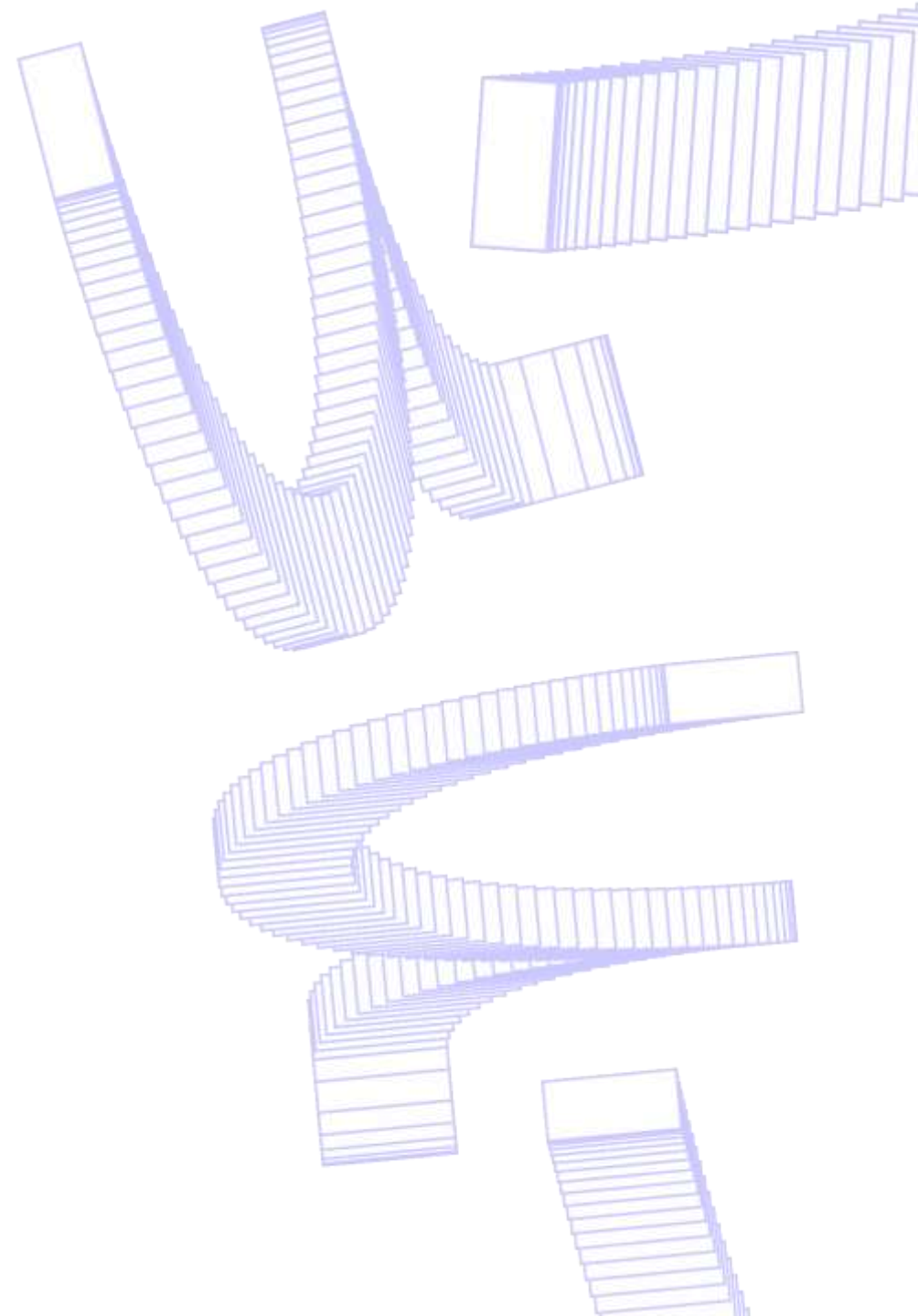




# Serverless JFR

Recording the Flight of Serverless Functions

Devvxx 2022/10/10



# Welcome

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[github.com/steven-aerts/lambda-jfr-demo](https://github.com/steven-aerts/lambda-jfr-demo)

# FaaS

- No Server Management
- Scales automatically
- Pay as you go

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- No Server Management
- Scales automatically
- Pay as you go

But Runtime is Black Box

No (easy) debugging nor profiling

- Profiling and Event collection of JVM
- Low impact (2%)

**Step0: baseline**

# **Step1: enabling JFR**

**Step2: do more at startup**



## **Step3: advanced tuning**

**Step4: lambda layer**

# What next?

- Trigger JFR with AWS [Lambda Extension API](#)
- Check if [disabling C2 compiler](#) aides your workflow
- Better resolution with [async-profiler](#)'s `--jfrsync`
- Custom Events

Experience what a Petabyte feels like

**[airties.com/careers](https://airties.com/careers)**

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# Questions?