

**Welcome to Week 8**

# **Cloud Accelerator Program**

**Quarkus for Lambda**

 **Develop**Intelligence

A PLURALSIGHT COMPANY

Hello

**HELLO**  
my name is

**Allen Sanders**  
with DevelopIntelligence,  
a Pluralsight Company.

About me...



- 26+ years in the industry
- 21+ years in teaching
- Certified Cloud architect
- Passionate about learning
- Also, passionate about Reese's Cups!



## My pledge to you

### I will...

- Make this interactive
- Ask you questions
- Ensure everyone can speak
- Use an on-screen timer



# Agenda

- Quarkus – The What & the Why
- Quarkus for Lambda



## How we're going to work together

- Slides and words to highlight key concepts
- Demos to bring those concepts “to life”
- Lab work (which will take place in sandboxes provided by “A Cloud Guru”) for hands-on reinforcement
- NOTE: I welcome being interrupted – if you need more info, or clarification, or anything else, just break in and ask. I am here to help you.

# Quarkus – The What & The Why

## Quarkus – The What

Open Source

Cloud Native

Built-In Kubernetes Integration

Set of Extensions for Integration

## Quarkus – The Why

Quick Startup Time

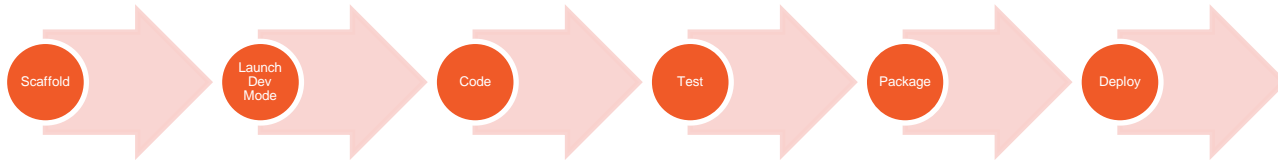
Low Memory Footprint

Benefits for Developer Productivity

Supports Native – Reduce Impact of JVM



## Quarkus – Typical Workflow



# Quarkus for Lambda

## LAB:

Quarkus for Lambda

Execute the tutorial available at  
<https://quarkus.io/guides/aws-lambda>

## Quarkus – SnapStart

<https://quarkus.io/guides/aws-lambda-snapstart#:~:text=If%20you%20use%20the%20Quarkus%20AWS%20Lambda%20extension%2C,SnapStart%20for%20your%20function%2C%20only%20the%20Quarkus%20optimizations.>

<https://docs.aws.amazon.com/lambda/latest/dg/snapstart.html>

## LAB:

Quarkus – Lambda &  
DynamoDB

Execute the tutorial available at

<https://dzone.com/articles/dynamic-data-processing-using-serverless-java-with> &  
<https://dzone.com/articles/dynamic-data-processing-using-serverless-java-with-1>



# Thank you!

If you have additional questions,  
please reach out to me at:  
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