SC5

AWS POLLY
BLOG TO PODCAST
HACKATHON

Eetu Tuomala, Cloud Application Architect

eetu.tuomala@sc5.io

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SC5 BRIEFLY

CLOUD SOLUTIONS

BUSINESS APPLICATIONS

INTELLIGENT SOLUTIONS

DIGITAL DESIGN

10 YEARS	**100+** CUSTOMERS	**400+** PROJECTS
85 HACKERS DESIGNERS	**HEL JKL**	**~7** MEUR 2016

Enegia

Gasum

HAPPY or NOT®

KEMPPI

VEIKKAUS

POP Vakuutus

sanoma

TeliaSonera

WÄRTSILÄ

L&T   + OTHERS

NORDCLOUD

amazon web services | Partner Network
CONSULTING PARTNER

SERVERLESS

INTRODUCTION

- Introduction to AWS & Serverless Framework

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GETTING READY FOR THE HACKATHON

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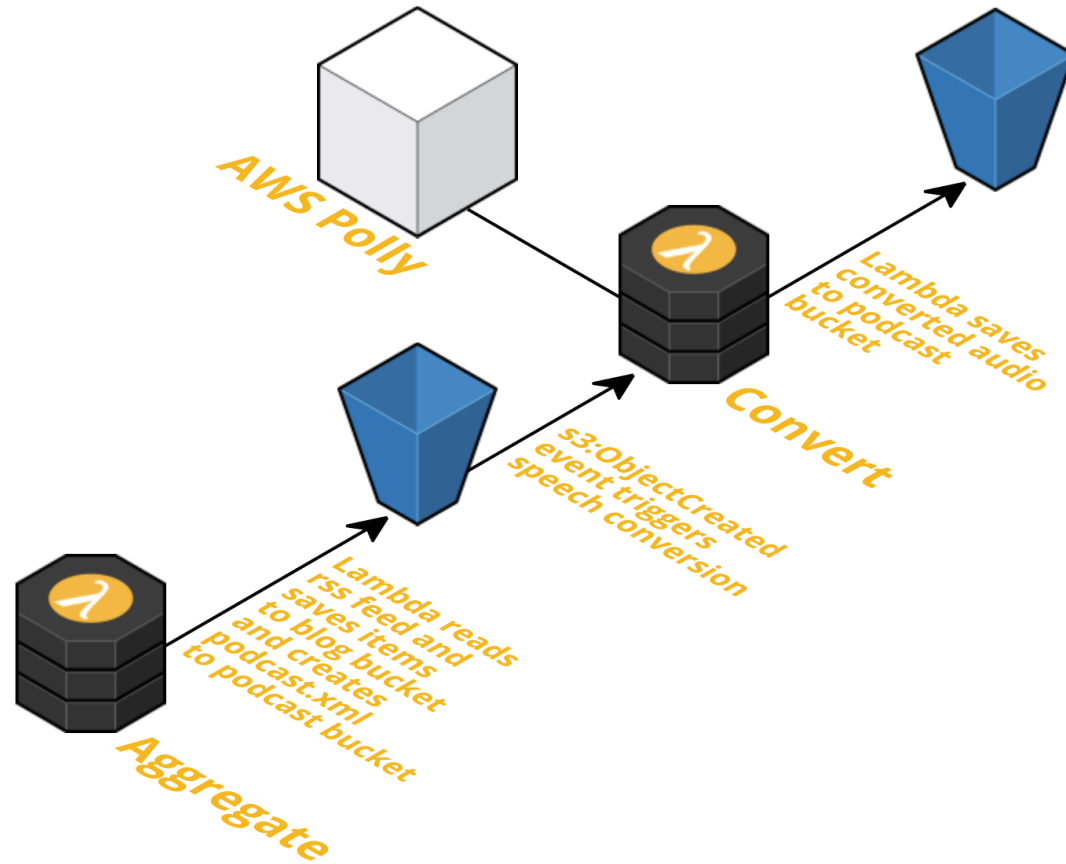Instructions for getting set up:

http://serverless.fi/docs/workshop-preps

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HACKATHON OBJECTIVE

Hackathon objective is to create a serverless application that converts RSS feed to podcast feed and audio clips using AWS services.

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ARCHITECTURE

AWS Polly

Convert

Aggregate

Lambda saves converted audio to podcast bucket

s3:ObjectCreated event triggers speech conversion

Lambda reads rss feed and saves items to blog bucket and creates podcast.xml to podcast bucket

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TEAMS

Team 1

Team 1 creates a Lambda function which is scheduled to run every 15 minutes to poll RSS feed and save new entries to S3 bucket. Function also creates podcast feed.

Team 2

Team 2 creates a Lambda function which is triggered by S3 event and converts saved text to audio using AWS Polly.

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RESOURCES

SC5 Serverless Boilerplate

https://github.com/SC5/sc5-serverless-boilerplate

AWS-SDK, Polly

https://docs.aws.amazon.com/AWSJavaScriptSDK/latest/AWS/Polly.html

Example RSS feed:

https://sc5.io/blog/feed

This presentation:

http://serverless.fi/docs/blog-to-podcast-workshop.pdf

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IT'S HACKING TIME!

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NEXT

1. If you want to work more on serverless, check opportunities at https://sc5.io/careers

2. If you are interested in serverless, join the " Serverless Finland" meetup at http://www.meetup.com/Helsinki-Serverless/ and follow http://serverless.fi

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THANK YOU!