Beginning AWS Lambda

Learn to write AWS Lambda Functions in Python

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Schedule

- **Part 1: Using Cloud9 to Develop Python Lambda Functions (90 min)**
- *QA (15 min)*
- *Break (15 min)*
- **Part 2: Creating Timed Lambdas (45 min)**
- *QA (10 min)*
- *Break (5 min)*
- **Part 3: Creating Event-Driven Lambdas (45 min)**
- *QA (15 min)*

Survey: Experience with AWS

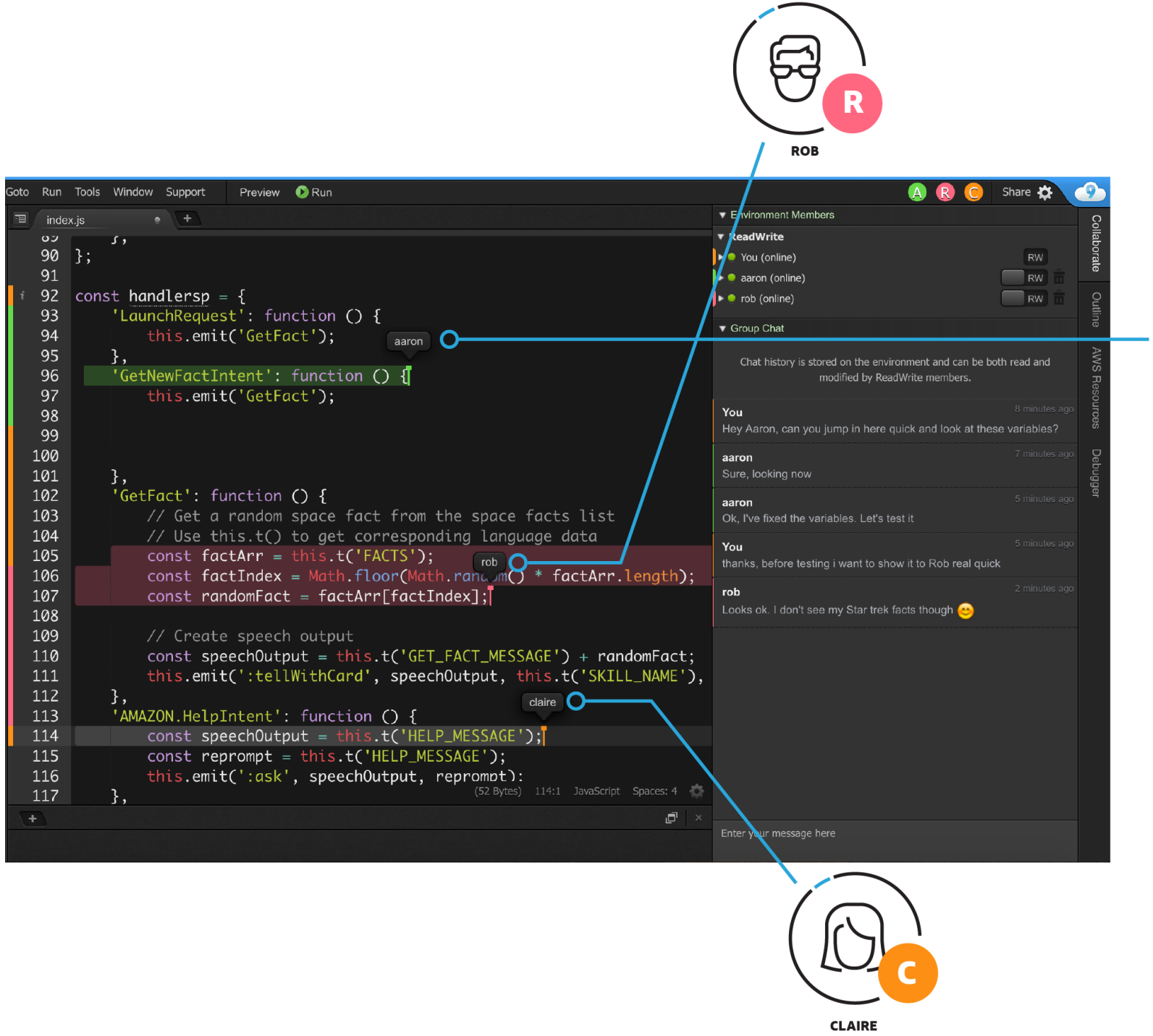
- Novice (No experience)
- Beginner (< 1 Year)
- Intermediate (1-3 Years)
- Advanced (3+ Years)

Survey: Experience with Python

- Novice (No experience)
- Beginner (< 1 Year)
- Intermediate (1-3 Years)
- Advanced (3+ Years)

Part 1: Using Cloud9 to Develop Python Lambda Functions (90 min)

- Developing with Cloud9
- Launching Cloud9 and Workspace Configuration
- Creating and Deploying Lambda functions
- Importing Lambda functions
- Invoking Lambda functions
- Invoking Lambda function inside API Gateway

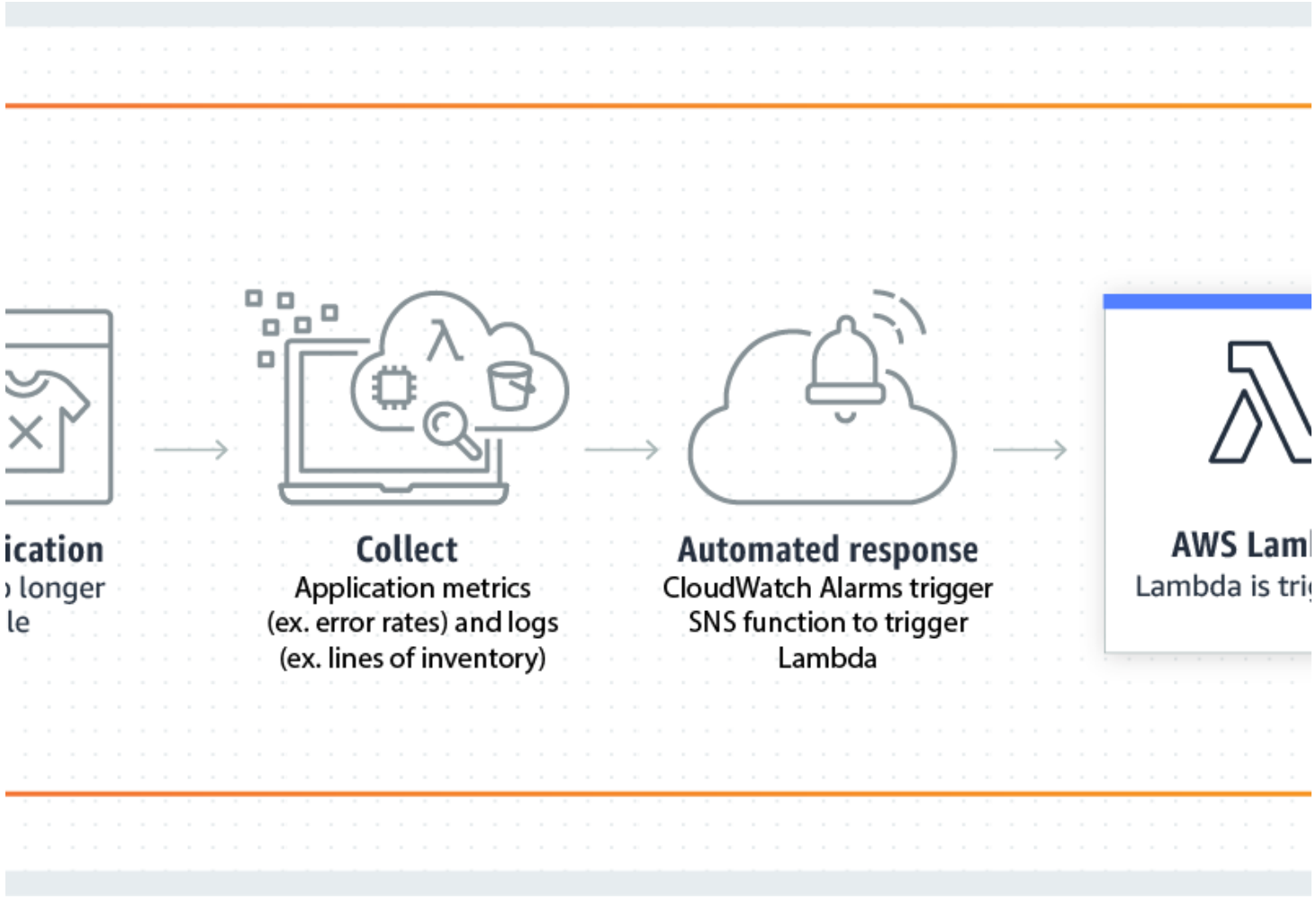


QA & Break Part 1

- **QA (15 min)**
  Break (15 min)

Part 2: Creating Timed Lambdas (45 min)

- Using AWS Lambda with Cloudwatch Events
- Using AWS Lambda to populate AWS SQS (Simple Queuing Service)
- Using AWS Cloudwatch logging with AWS Lambda



QA and Break Part 2

- **QA (10 min)**
  Break (5 min)

Part 3: Creating Event-Driven Lambdas (45 min)

Triggering	Reading	Writing
Triggering AWS Lambda with AWS SQS Events	Reading AWS SQS Events from AWS Lambda	Writing results to AWS DynamoDB

Related Safari Properties

- Pragmatic AI (Book)
- Essential Machine Learning and AI (Video)
- AWS Certified Machine Learning-Specialty (Video)
- Essential Machine Learning and Pragmatic AI (Learning Path)
- Python for Data Science (Video)-Coming Soon
- AWS Certified Big Data-Speciality (Video)-Coming Soon