3 Days of DevOps in 1 Day: From Local to Production

Working with queues

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Messaging as backbone of resiliant systems

- Allows us to decouple compute from invocation

- Allows scaling by delaying execution

- Additional features like retries, scaling workloads separately

Our tech

- RabbitMQ as messaging broker

- Rebus as client-side consumer

Tasks overview

- Add RabbitMQ

- Use Rebus with RabbitMQ

- Multiple publishers

- Event versioning

- Deploy to "prod"

Let's go!

(workshop time)

A note on event versioning

- Events are API too

- https://github.com/asyncapi

- Unlike databases, we cannot "patch" events in memory

  - Versioning is a bit harder, depends on the project