Working with gRPC

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Overview

Additional Options in gRPC
- Streaming Data
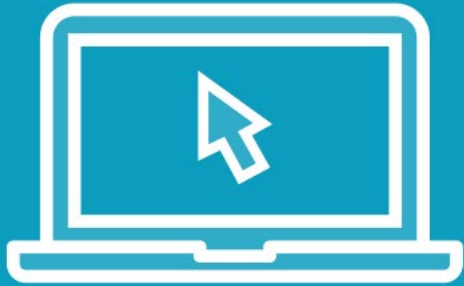- Logging of gRPC Messages
- Error Handling

Streaming Support in gRPC

- Based on HTTP/2 Streaming

- Unidirectional and Bidirectional

- Good reason to choose over REST

Demo

Using Streaming Results

gRPC Logging

- Turning on lower-level gRPC messages
- Good for debugging connections
- Can be message overload
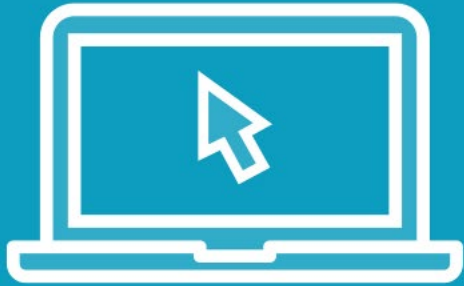- Rarely use in production

Demo

Logging gRPC Messages

Demo

Error Handling in gRPC

What We've Learned

Streaming support separates gRPC from other protocols

Accessing low-level logging from gRPC is built-in

Communicating errors to the client is handled with RpcException

Coming Up Next:

Securing gRPC Services