

Using HTTP Clients



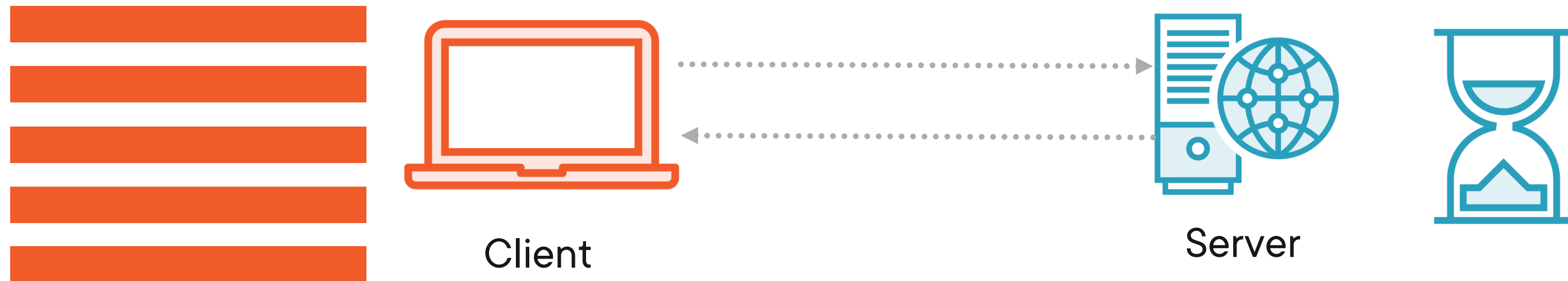
Bogdan Sucaciu

Tech Lead

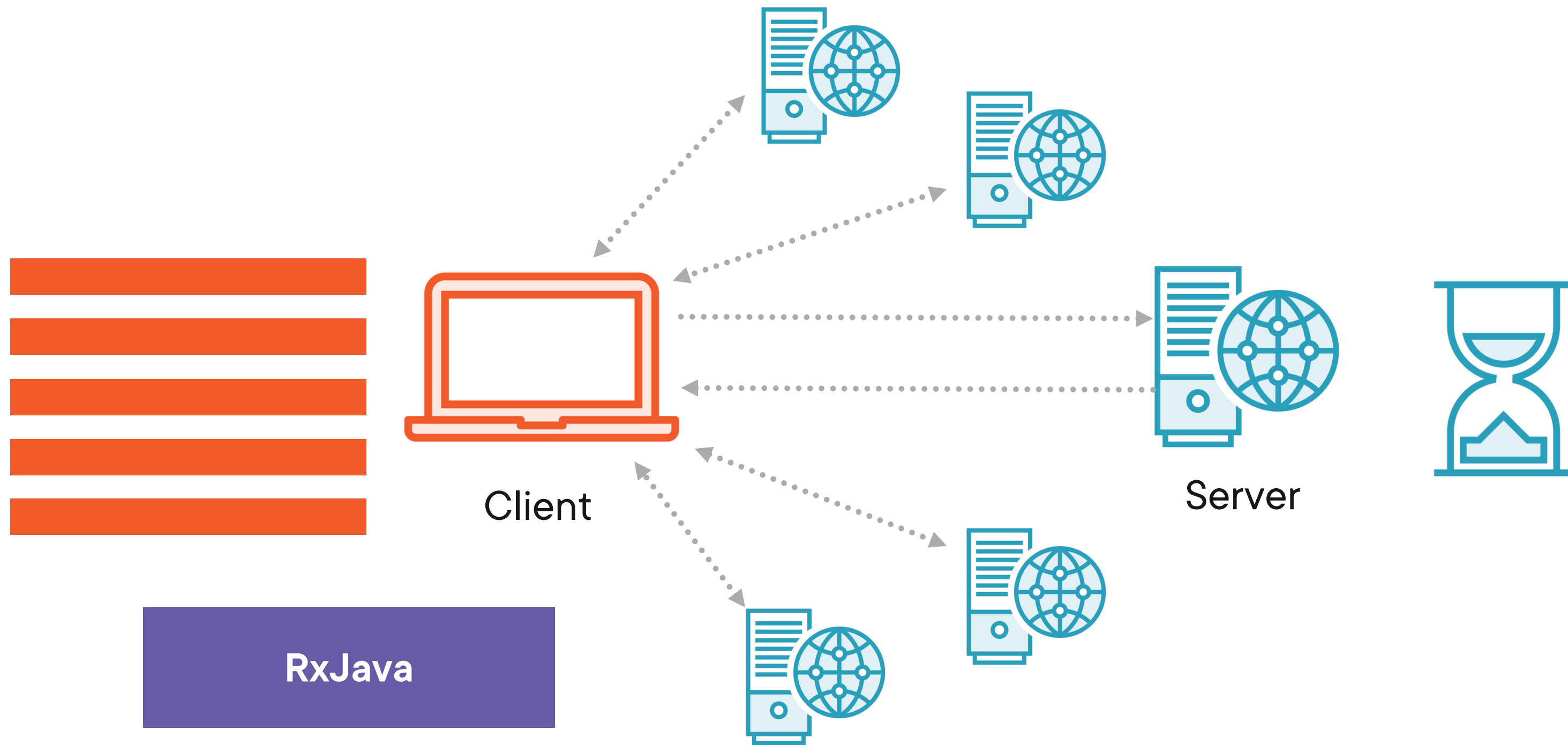
@bsucaciu bsucaciu.com



Client-server Communication



Reactive Clients





More information

Reactive Programming in Java 12 with RxJava 2

Russel Elledge



Micronaut Clients

Low-level client

Declarative client



Low-level Client

LowLevelClient.java

```
@Client("https://pluralsight.com")  
RxHttpClient client;
```

```
...
```

```
client.toBlocking()  
    .retrieve(GET("/micronaut-fundamentals"));
```

Declarative Client

@Client

class  {

 @Get



 @Post



 @Delete



}

@Body

@CookieValue

@Header

@QueryValue

@PathVariable

@RequestAttribute



Demo



Low-level client

Declarative client



Retries, Circuit Breaker, and Fallbacks

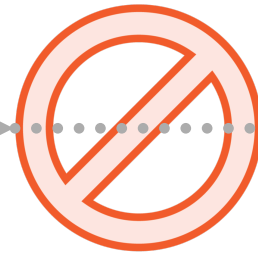


Retries

@Retryable



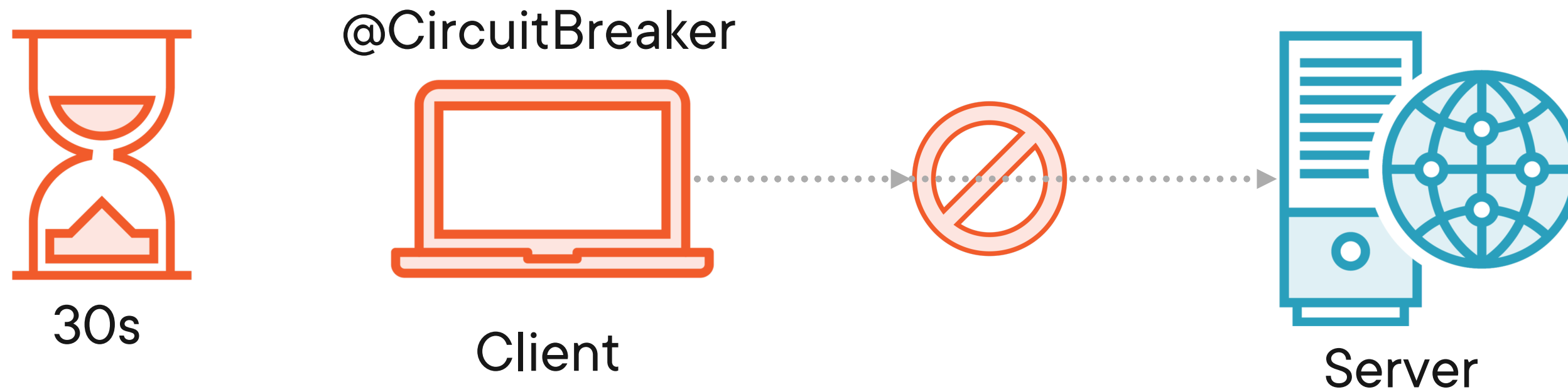
Client



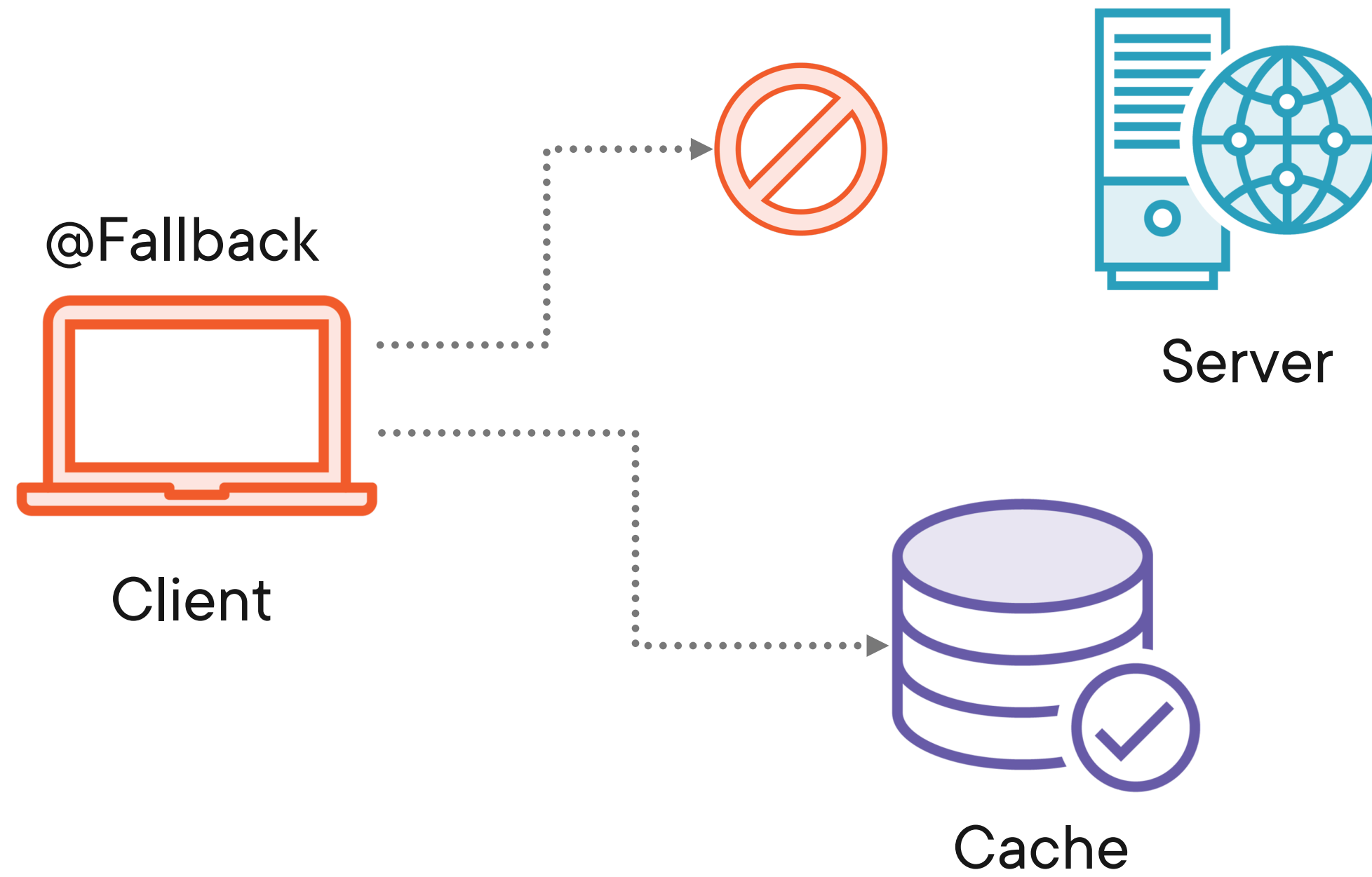
Server



Circuit Breaker



Fallbacks



Demo



Retries

Circuit Breaker

Fallbacks



Up Next:
Integrating with Apache Kafka

