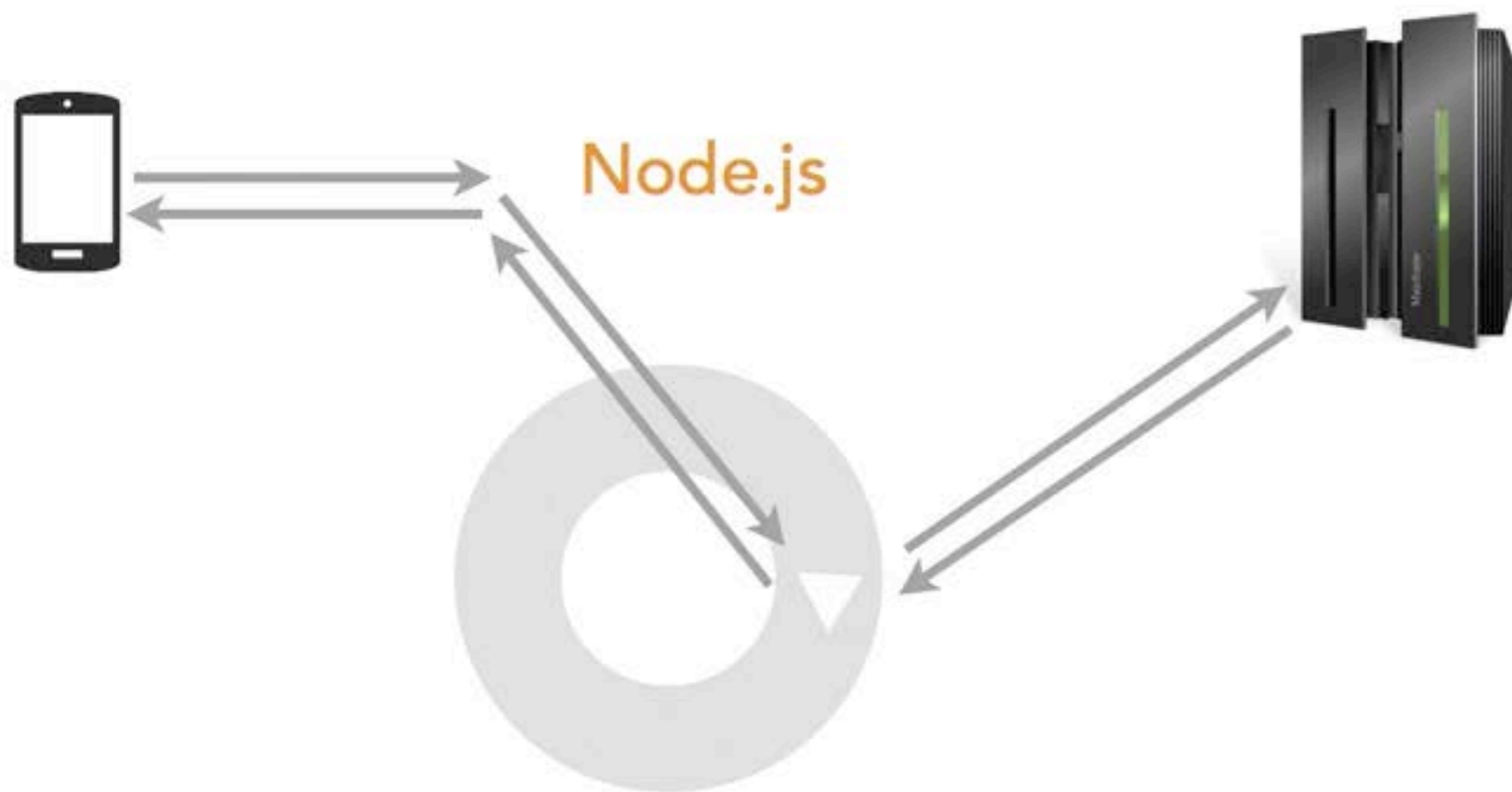


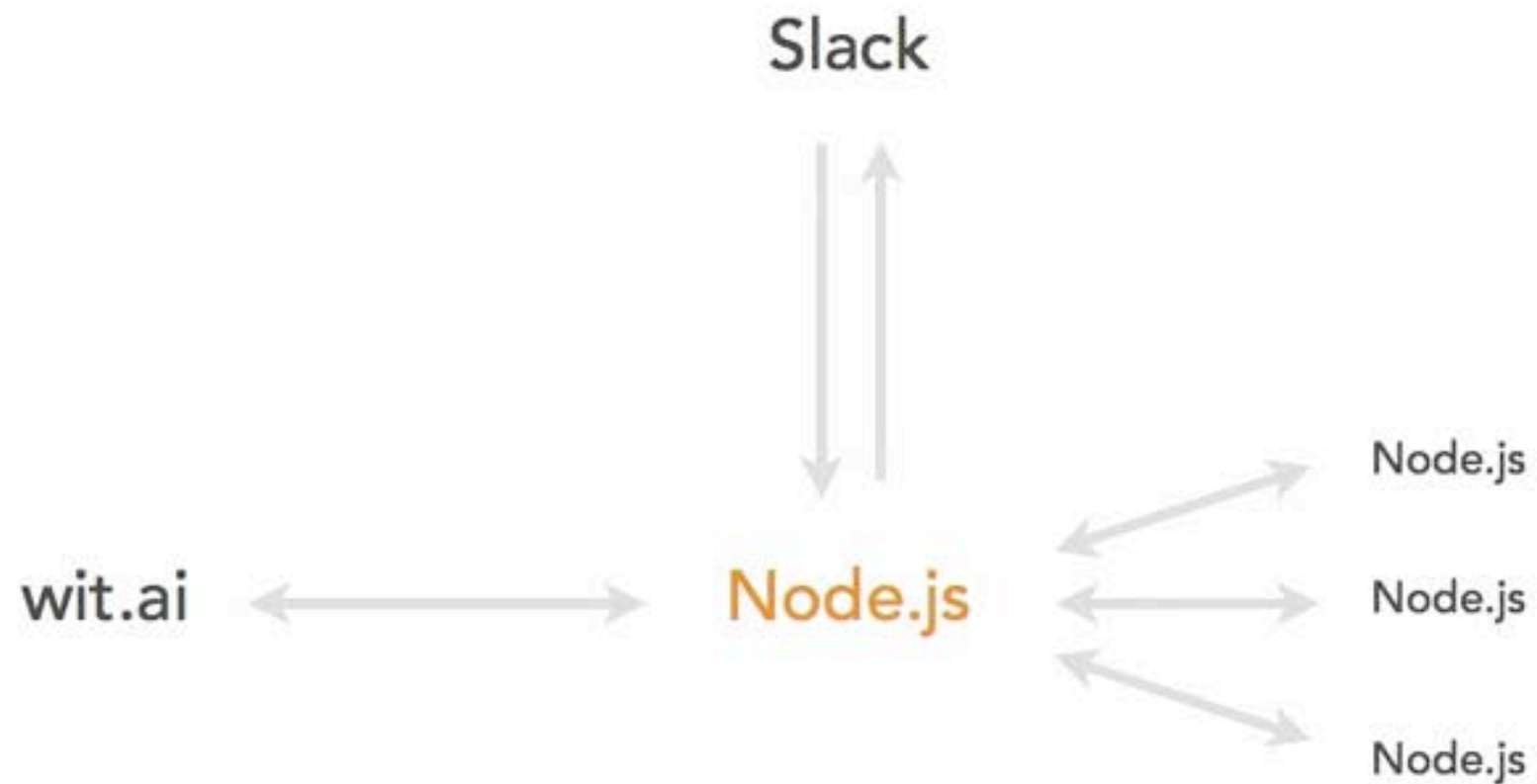
# What We Are Going to Build

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# Asynchronous I/O in Node.js



# Asynchronous I/O in Node.js



# Why Use Microservices

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# The History of Service-Oriented Architectures

1990s and earlier

## Coupling

Pre-SOA (monolithic)

Tight coupling



2000s

Traditional SOA

Looser coupling



2010s

Microservices

Decoupled



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# Basic Principles of Microservices

- One microservice should only do one task, like fetching a customer from a backend.
- It should be possible to develop and deploy a microservice completely independent from all other parts of an application.
- Microservices should communicate using standard HTTP methods.