MOLECULER

NODEJS MICROSERVICES FRAMEWORK

A MICROSERVICE IS A SINGLE SELF-CONTAINED UNIT WHICH, TOGETHER WITH MANY OTHERS, MAKES UP A LARGE APPLICATION. BY SPLITTING YOUR APP INTO SMALL UNITS EVERY PART OF IT IS INDEPENDENTLY DEPLOYABLE AND SCALABLE, CAN BE WRITTEN BY DIFFERENT TEAMS AND IN DIFFERENT PROGRAMMING LANGUAGES AND CAN BE TESTED INDIVIDUALLY
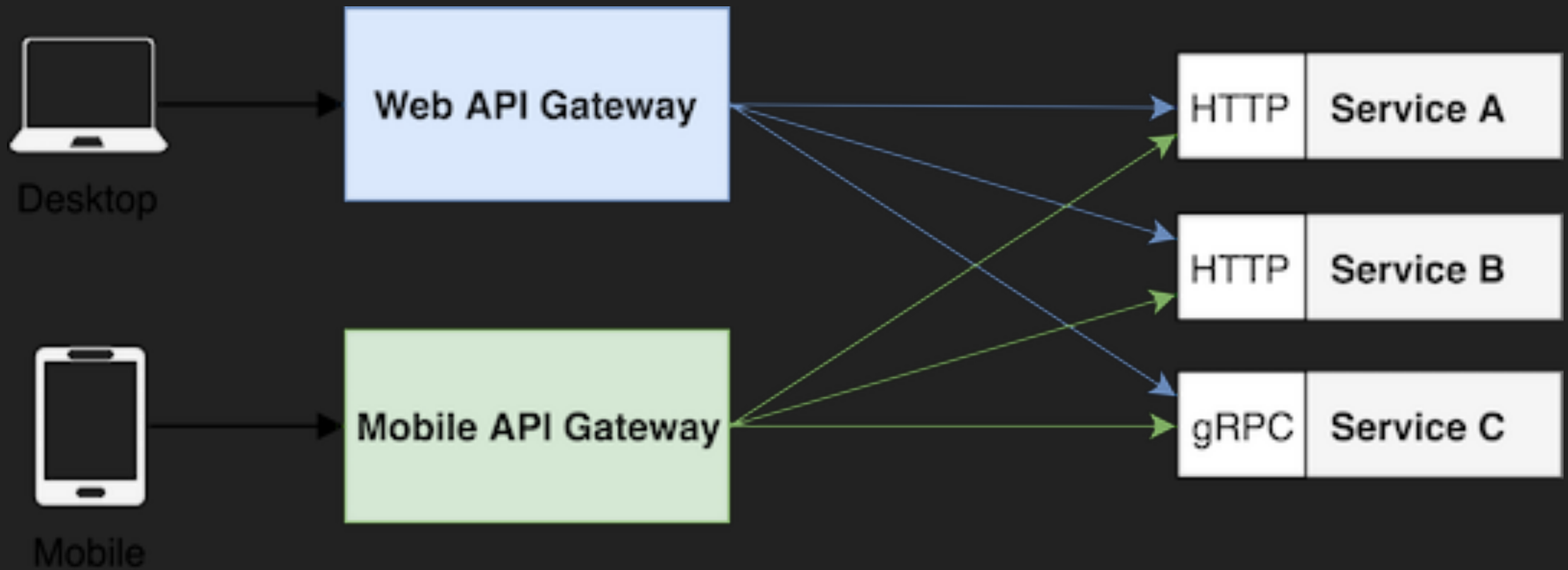
Max Stoiber
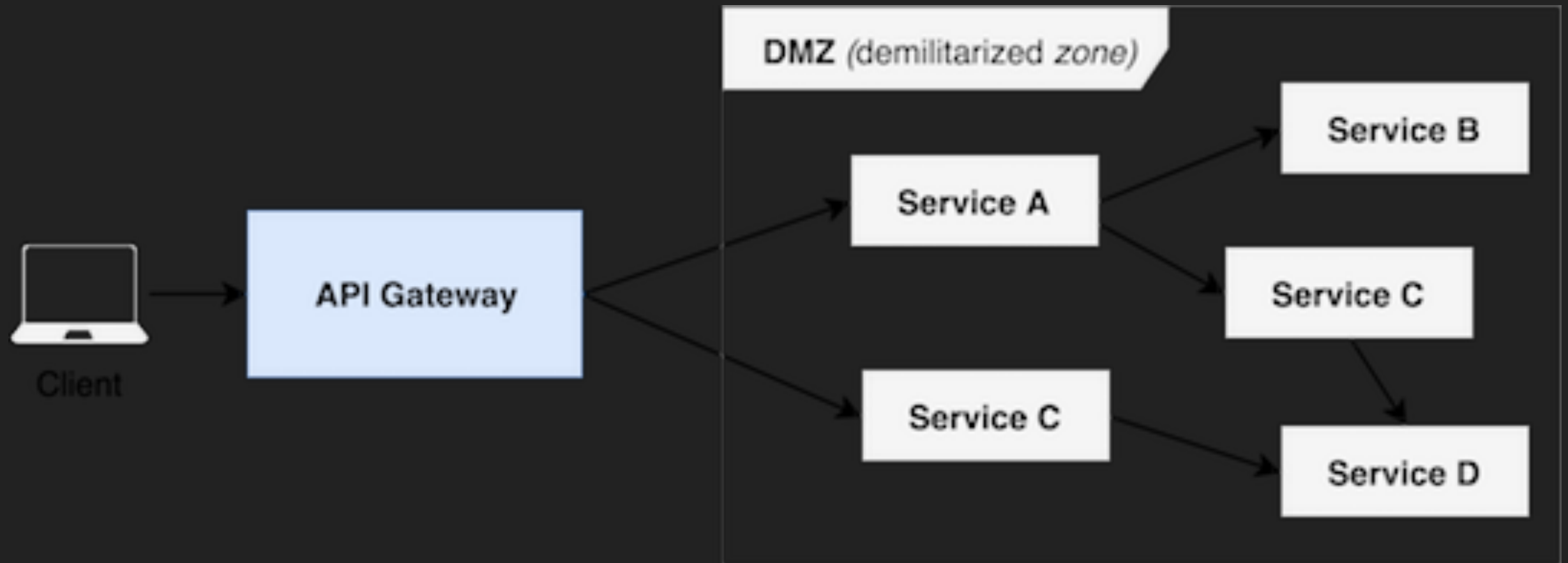
OH F**K ME, ANOTHER "NEW" LIBRARY?

"pretty damn everybody"

THINGS TO BUILD

▸ Service register + broker

▸ Service discovery

▸ Fault tolerance (circuit breaker)

▸ Transportation (NATS, Redis, WS, MQ, Kafka)

▸ Load balancing

▸ Caching

▸ Serialization

▸ Statistics, healthchecks

API GATEWAY

API GATEWAY

EXAMPLE MICROSERVICE

```javascript
const { ServiceBroker } = require("moleculer");

// Create broker
let broker = new ServiceBroker({ logger: console });

// Create a service
broker.createService({
    name: "math",
    actions: {
        // You can call it as broker.call("math.add")
        add(ctx) {
            return Number(ctx.params.a) + Number(ctx.params.b);
        }
    }
});

// Start broker
broker.start();

// Call actions of service
broker.call("math.add", { a: 5, b: 3 })
    .then(res => console.log("5 + 3 =", res));
```

LINKS

▸ Site
https://moleculer.services/

▸ Github
https://github.com/moleculerjs/moleculer

▸ Gitter chat
https://gitter.im/moleculerjs/moleculer

▸ Real world example repo
https://github.com/moleculerjs/moleculer-examples

THANK YOU

David Frtala

david@jarvify.com