

Rock 'n Mock: Working in **PARALLEL** As a Team



— About Me



Dario Kozicki

SSR Software Developer

@Rootstrap. Ex-Mercadolibre.
ReactJS/NodeJS

— TABLE OF CONTENTS

- What's a Mock?
- Why do you mock?
- How do we mock?
- Pros & Cons
- Examples
- Q&A

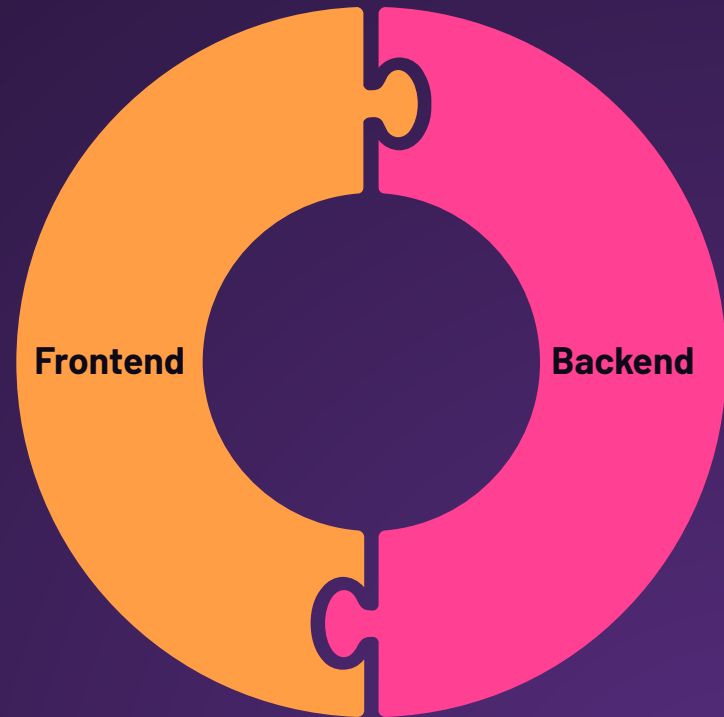


What's a Mock?

In a nutshell: It's an inexpensive fake!

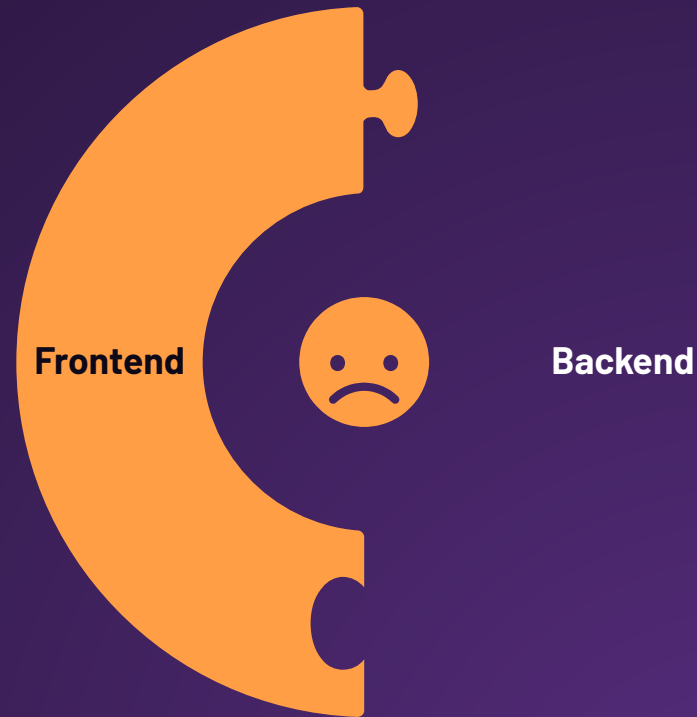
— Why do we Mock?

- Fast and cheap to develop
- The real API might not:
 - Be Accessible
 - Be Reliable
 - Exist!



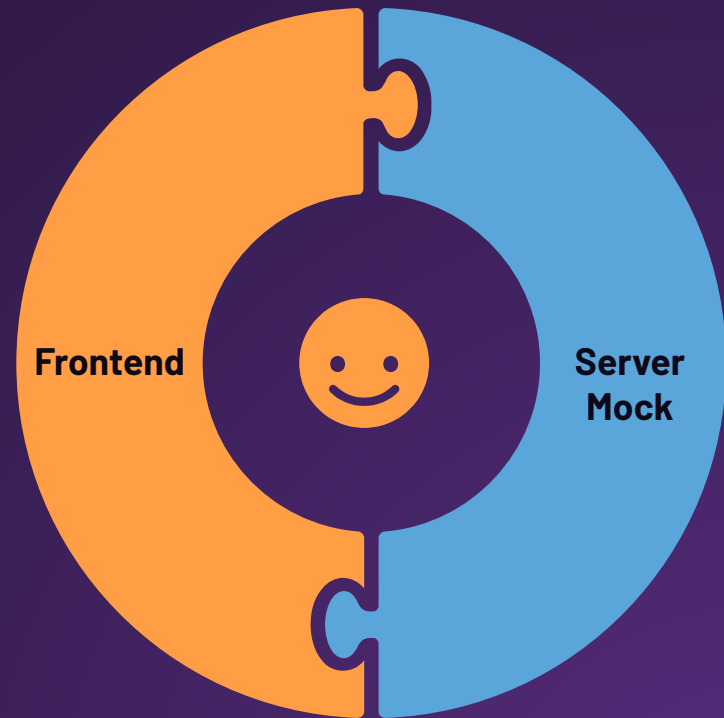
— Why do we Mock?

- Fast and cheap to develop
- The real API might not:
 - Be Accessible
 - Be Reliable
 - Exist!



— Why do we Mock?

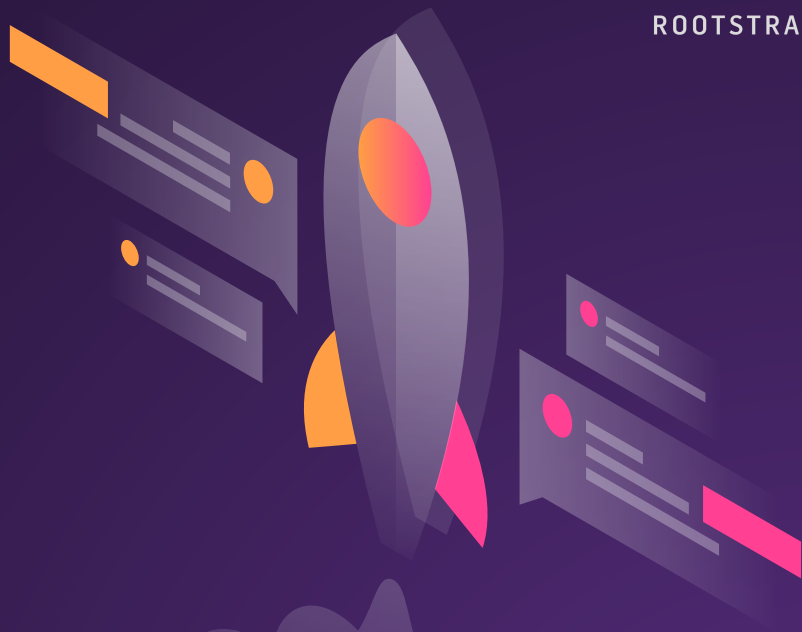
- Fast and cheap to develop
- The real API might not:
 - Be Accessible
 - Be Reliable
 - Exist!



— How do you mock?

We have numerous tools!

- Mockoon
- Mock Service Worker
- Many others!



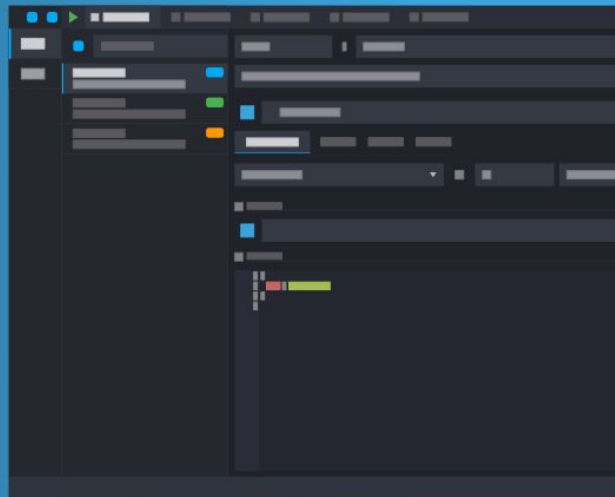
— Mockoon *It's the Postman of Mocks*



Create mock APIs in seconds

Free and open-source.

Get started



Can use params

Multiple projects!

Unlimited endpoints

Add responses based on rules

Response 1 (200) Response with the requested content.

Status & Body

Headers 1

Rules

Settings

200 - OK

Response with the requested content.


Body Inline File Data

```
1 {  
2   "count": "62984"  
3 }
```

Independent of your code!

mockoon

— Mock Service Worker

Mock Service Worker

DocsExamples

API mocking of the next generation

Mock by intercepting requests on the network level. Seamlessly reuse the same mock definition for testing, development, and debugging.

Get startedSee examples

REST APIGraphQL API

JavaScriptTypeScript

```
1 import { setupWorker, rest } from 'msw'
2
3 const worker = setupWorker(
4   rest.post('/login', async (req, res, ctx) => {
5     const { username } = await req.json()
6
7     return res(
8       ctx.json({
9         username,
10        firstName: 'John'
11      })
12    )
13  }),
14 )
15
16 worker.start()
```

[Learn more about mocking REST API](#)

We can create handlers for the endpoints that work with JS

```
1  import { rest } from 'msw'
2
3  export const handlers = [
4    rest.post('/login', (req, res, ctx) => {
5      const { username } = req.body
6
7      return res(
8        ctx.json({
9          id: 'f79e82e8-c34a-4dc7-a49e-9fadc0979fda',
10          username,
11          firstName: 'John',
12          lastName: 'Maverick',
13        })
14      )
15    }),
16  ]
```



Pros & Cons

— Mockoon

- Has UI
- Fast to test locally
- Can alternate responses
- Can use logic w/o code

Mock Service Worker

- More granularity
- Can use it in unit tests
- Right next to the code

***“Talk is cheap.
Show me the code.”***

-Linus Torvalds

Examples

Any questions?

Q & A

Thanks for coming!

Resources:

- Mockoon Docs:

<https://mockoon.com/docs/latest/about/>

- MSW Docs:

<https://mswjs.io/docs/>



Dario Kozicki

SSR Software Developer

@Rootstrap. Ex-Mercadolibre.
ReactJS/NodeJS



/in/dariokozicki