

Sobre arquitectura,
la grieta,
y puertas giratorias





42

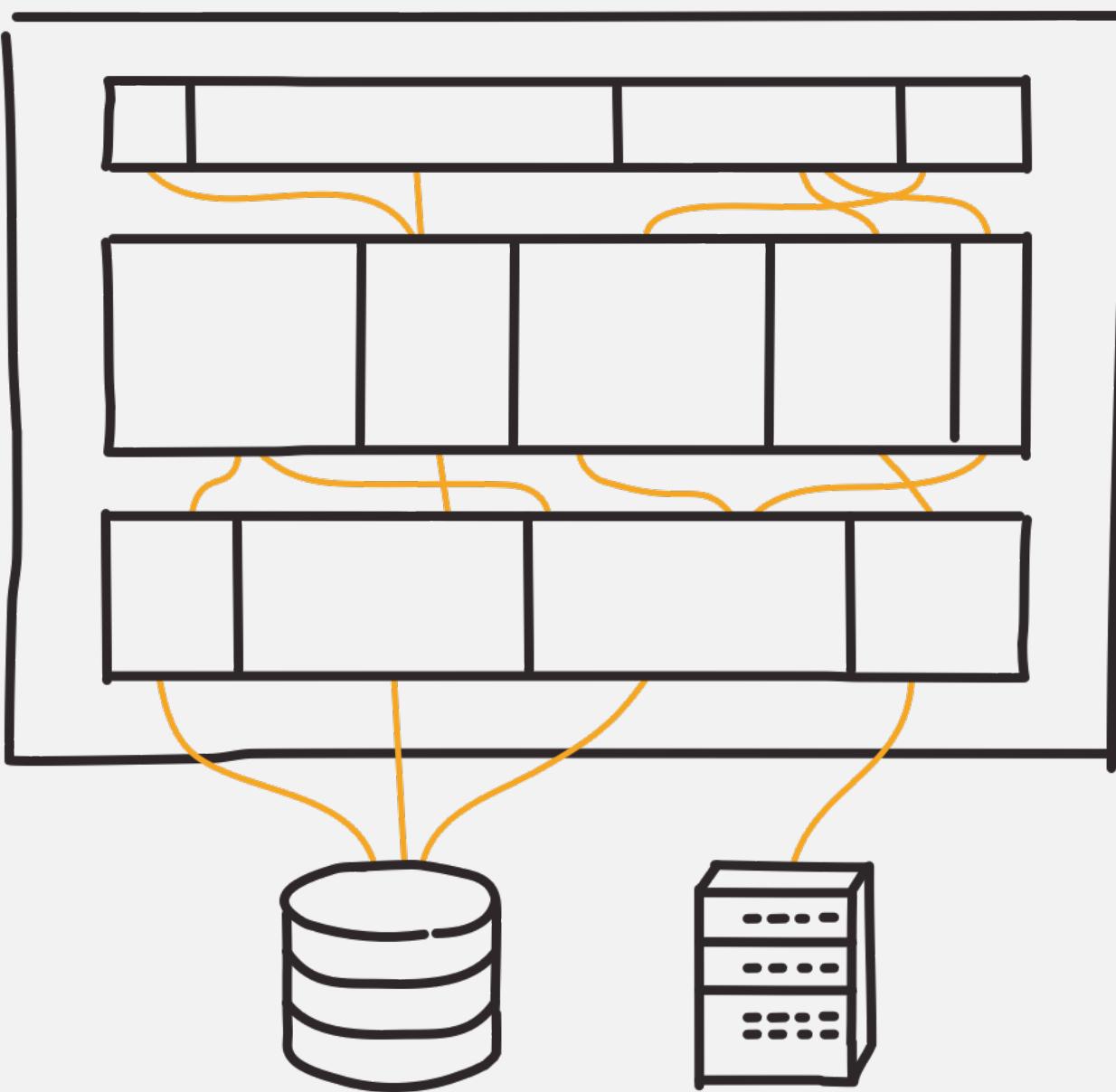
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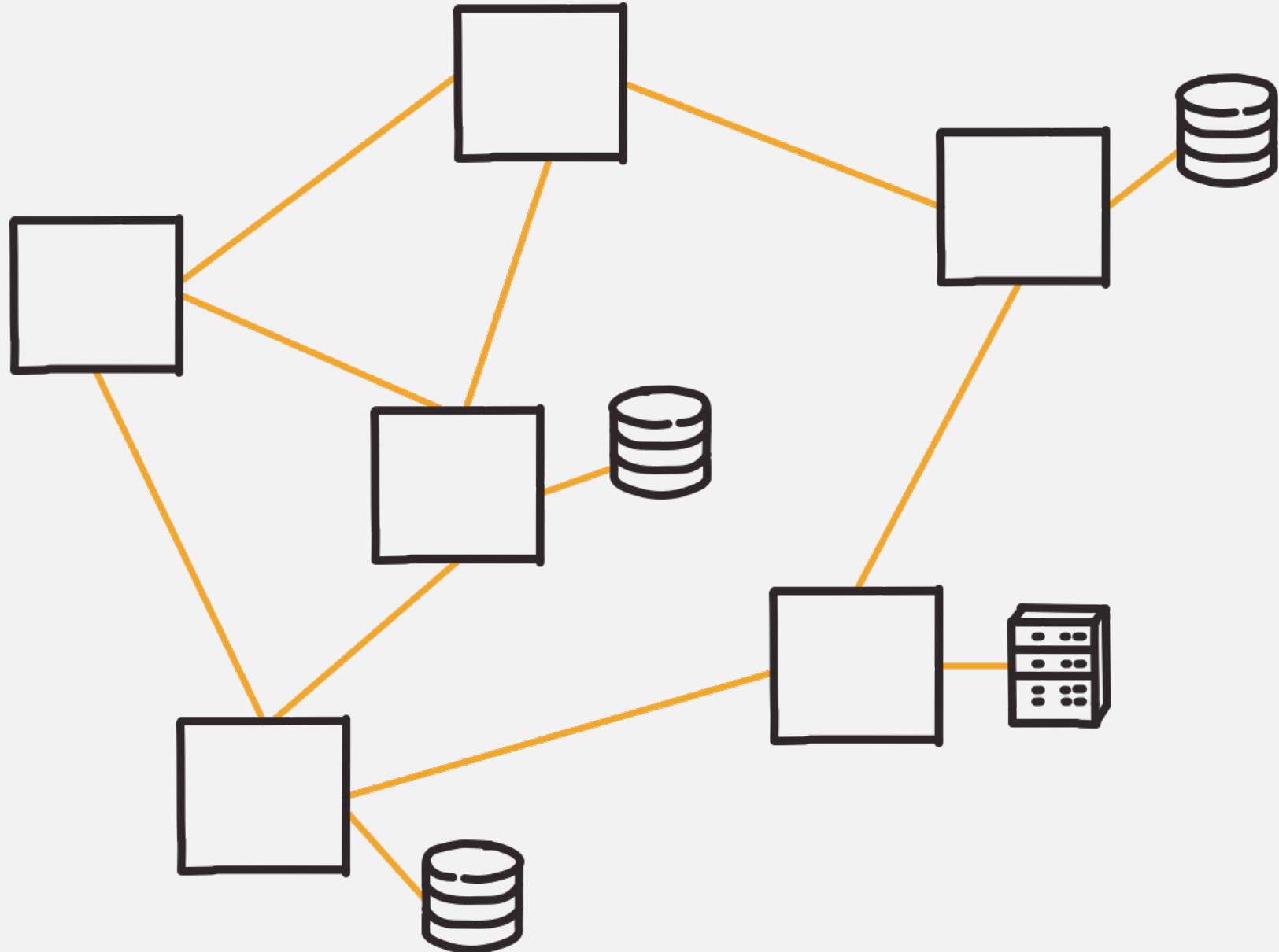
M.A. SMITHWICK & SON
SOLICITORS

SMITHWICK
SOLICITORS

SMITHWICK
SOLICITORS









YOU ARE LEAVING
THE AMERICAN SECTOR

ВЫ ВЫЕЗЖАЕТЕ ИЗ
АМЕРИКАНСКОГО СЕКТОРА

VOUS SORTEZ
DU SECTEUR AMÉRICAIN

SIE VERLASSEN DEN AMERIKANISCHEN SEKTOR
US ARMY









ONE

DEPT OF TRANSPORTATION

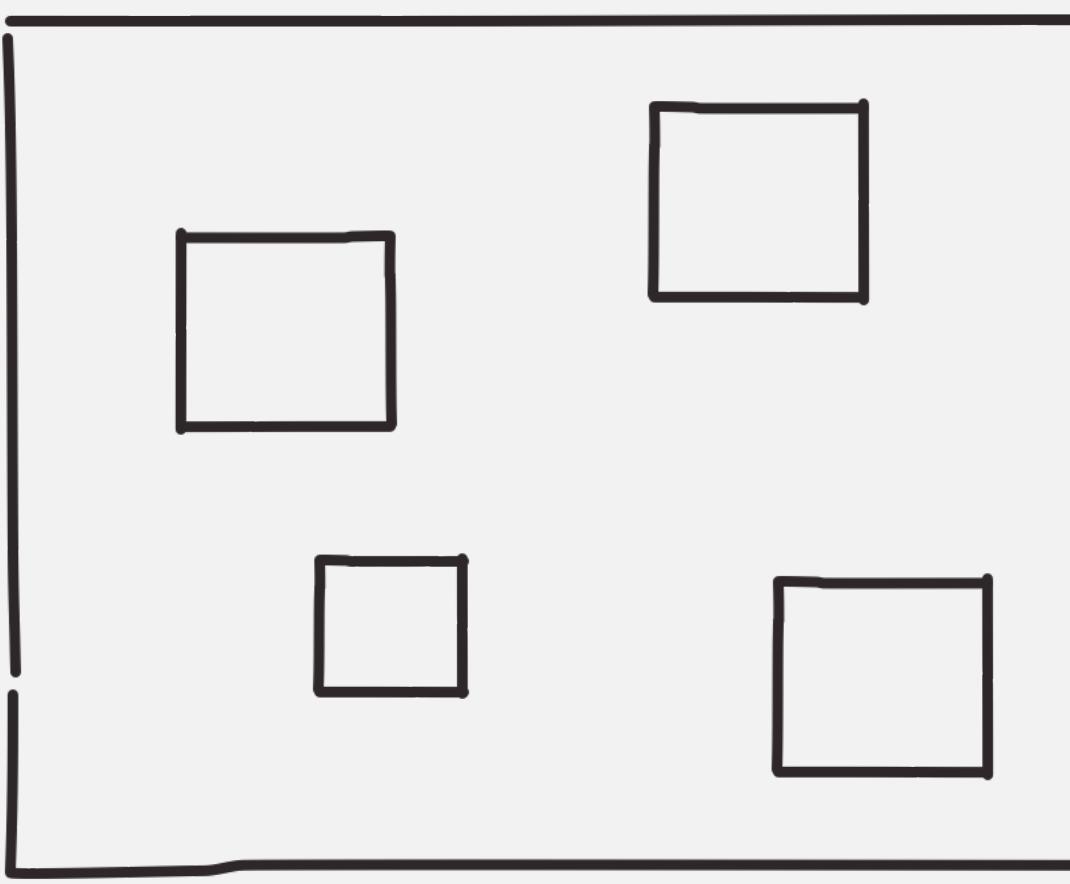
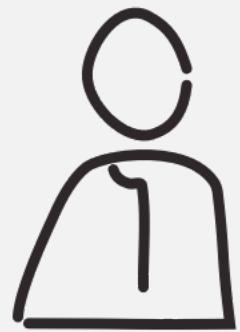
WAY

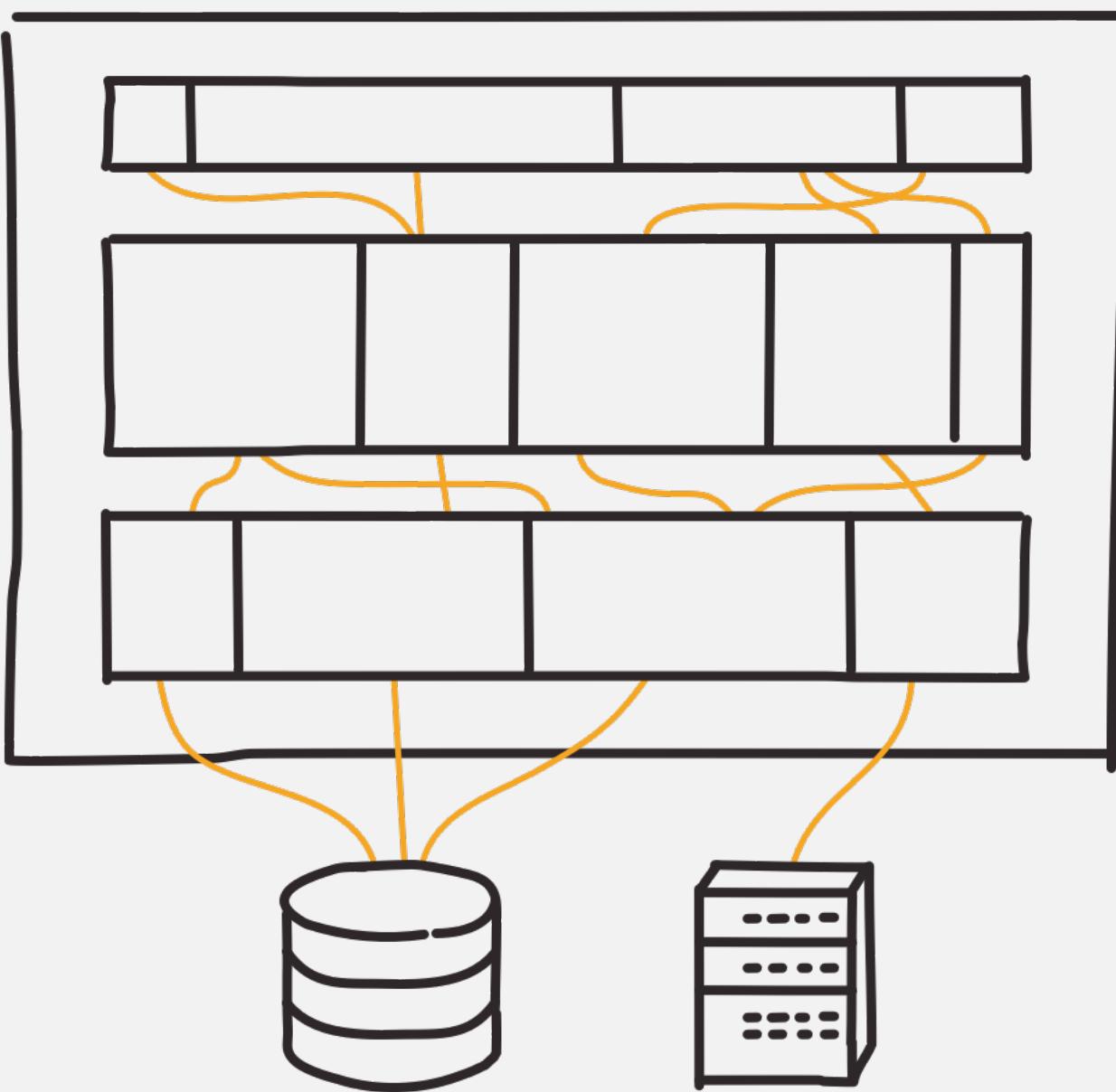
ONE WAY

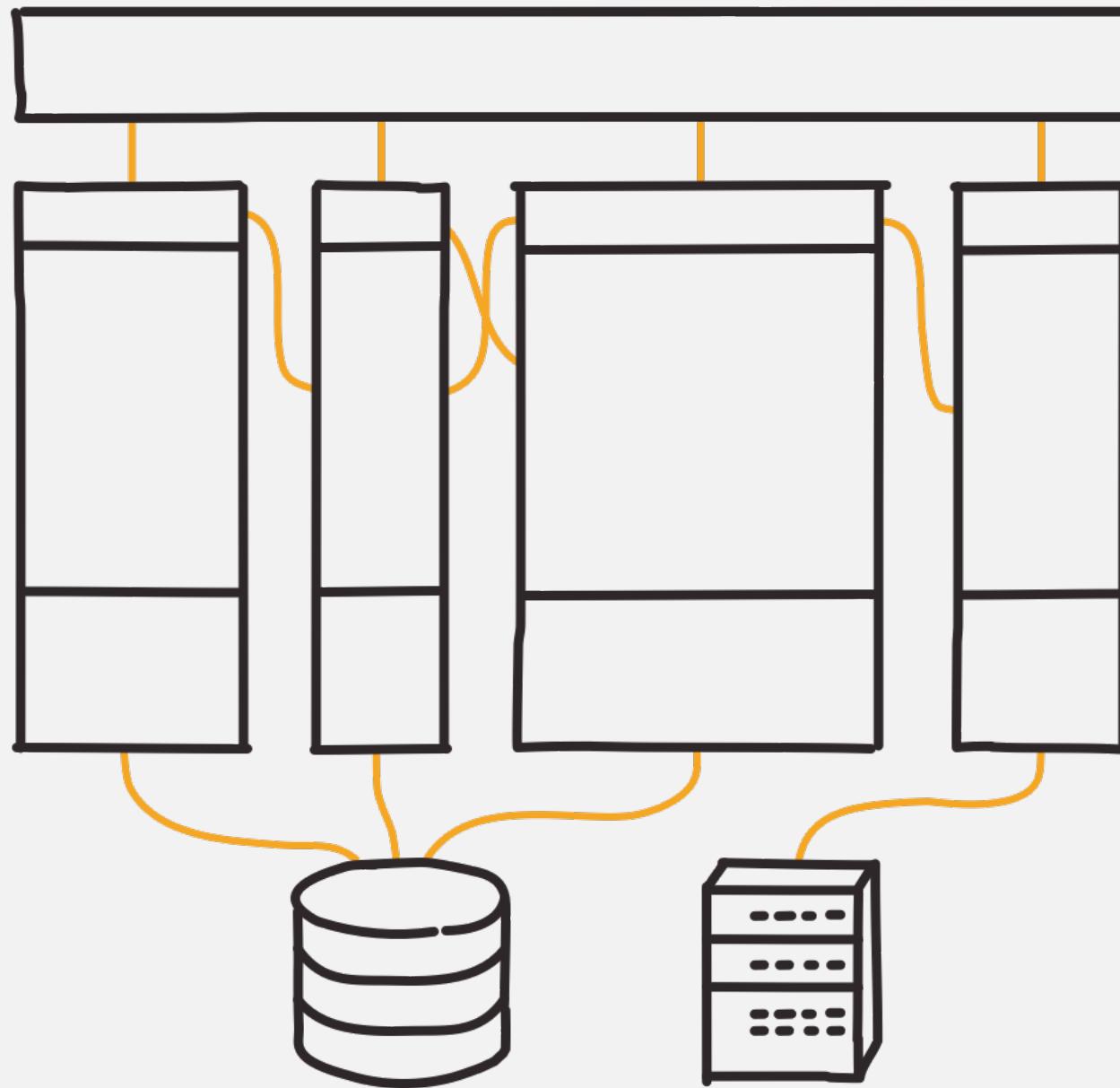
DEPT OF TRANSPORTATION

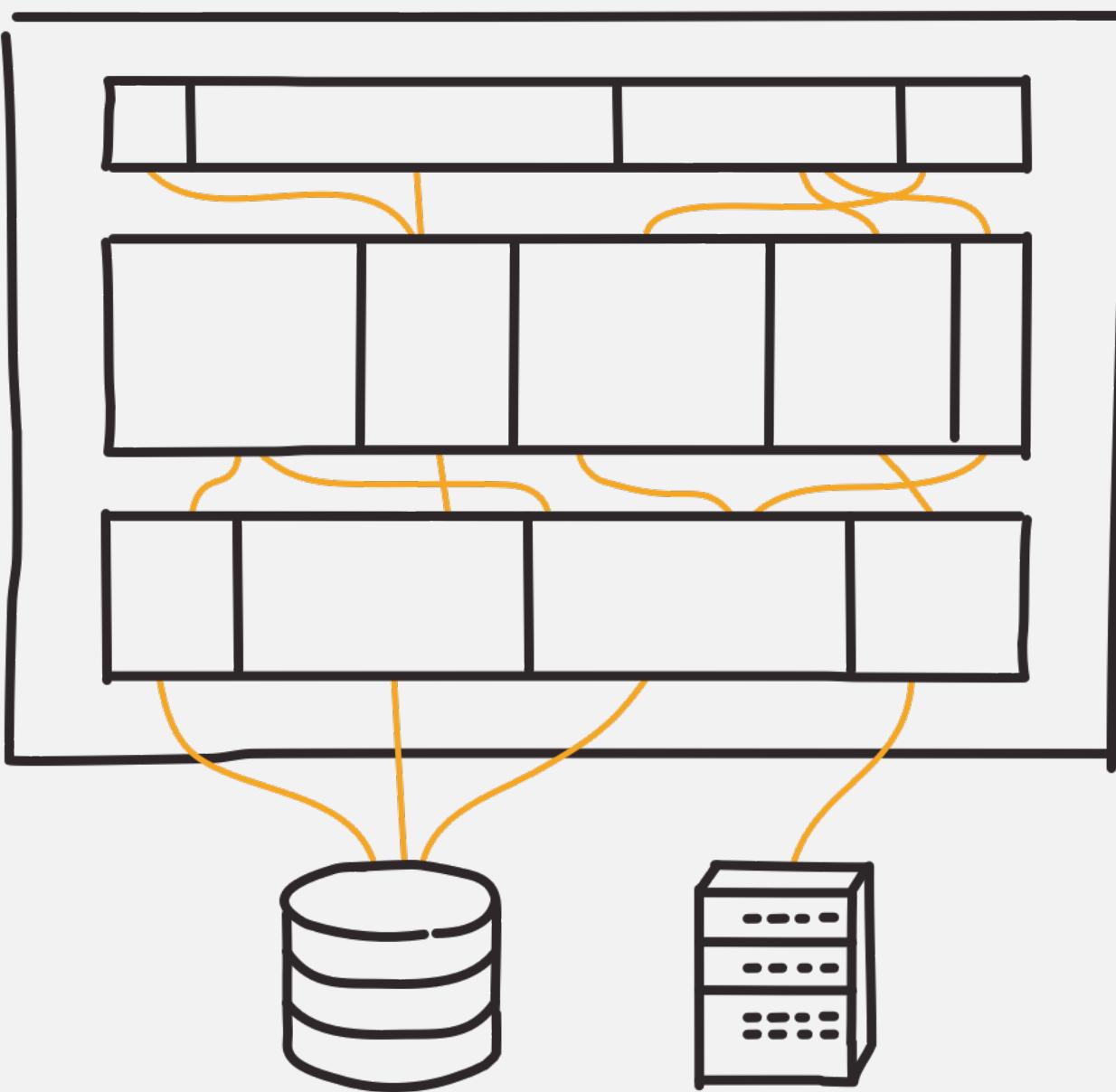
WAY
HEROES











„Good intentions never work,
you need good mechanisms
to make anything happen.“







package.json

```
{  
  "name": "mi-libreria",  
  "version": "1.0.0",  
  "main": "index.js"  
}
```



package.json

```
{  
  "name": "mi-app",  
  "version": "1.0.0",  
  "main": "index.js",  
  "dependencies": {  
    "mi-libreria": "git+ssh://git@git.empresa.com/mi-libreria.git#1.0.0"  
  }  
}
```



worldlib/index.js

```
module.exports = {
  world: () => 'world'
}
```



hellolib/index.js

```
module.exports = {
  hello: (str) => `hello ${str}`
}
```



app/index.js

```
const express = require('express')
const hellolib = require('hellolib')
const worldlib = require('worldlib')
const app = express()

app.get('/hello_world', (req, res) => res.send(hellolib.hello(worldlib.world())))

app.listen(3000)
```



world/index.js

```
const express = require('express')
const worldlib = require('worldlib')
const app = express()

app.get('/world', (req, res) => res.send(worldlib.world()))

app.listen(3000)
```



hello/index.js

```
const express = require('express')
const hellolib = require('hellolib')
const app = express()

app.get('/hello', (req, res) => res.send(hellolib.hello(req.query.arg0)))

app.listen(3000)
```



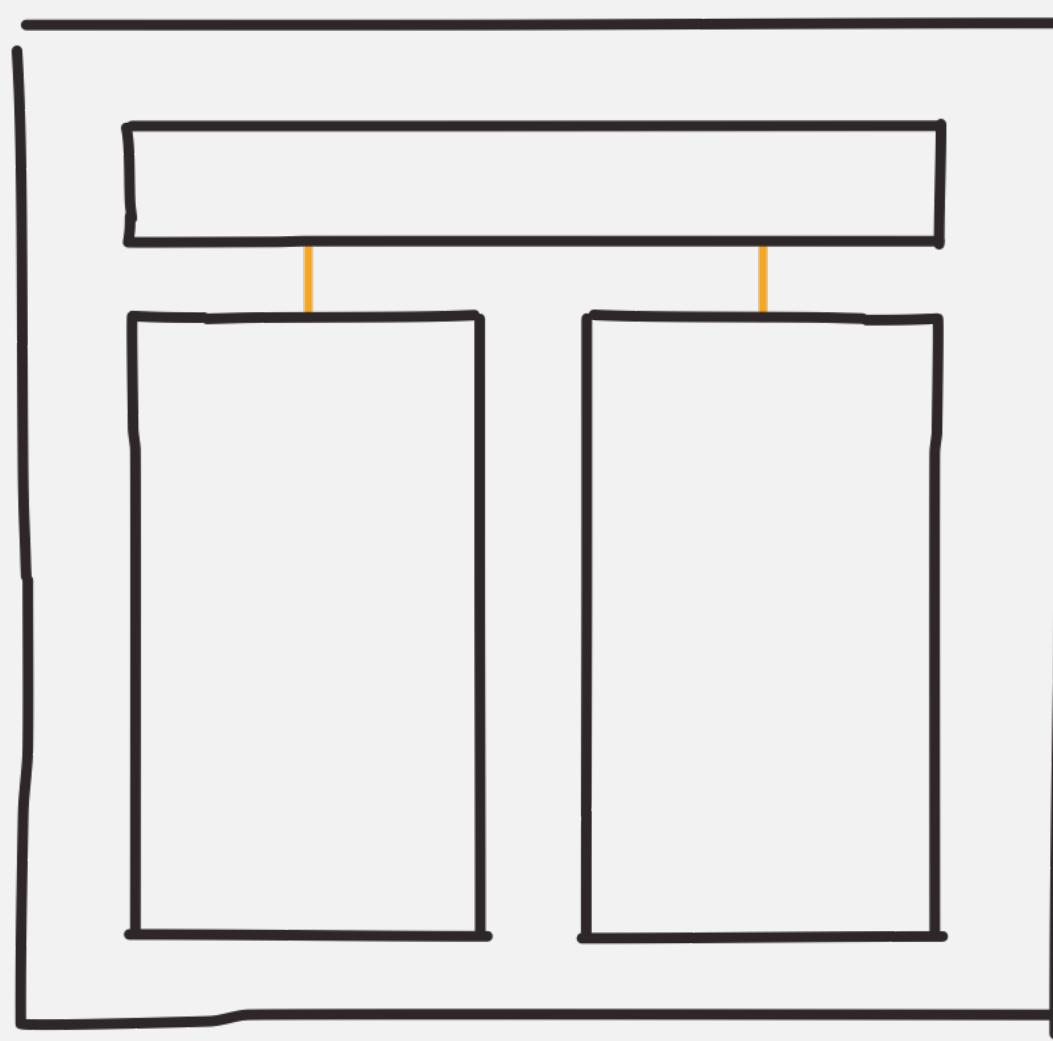
app/index.js

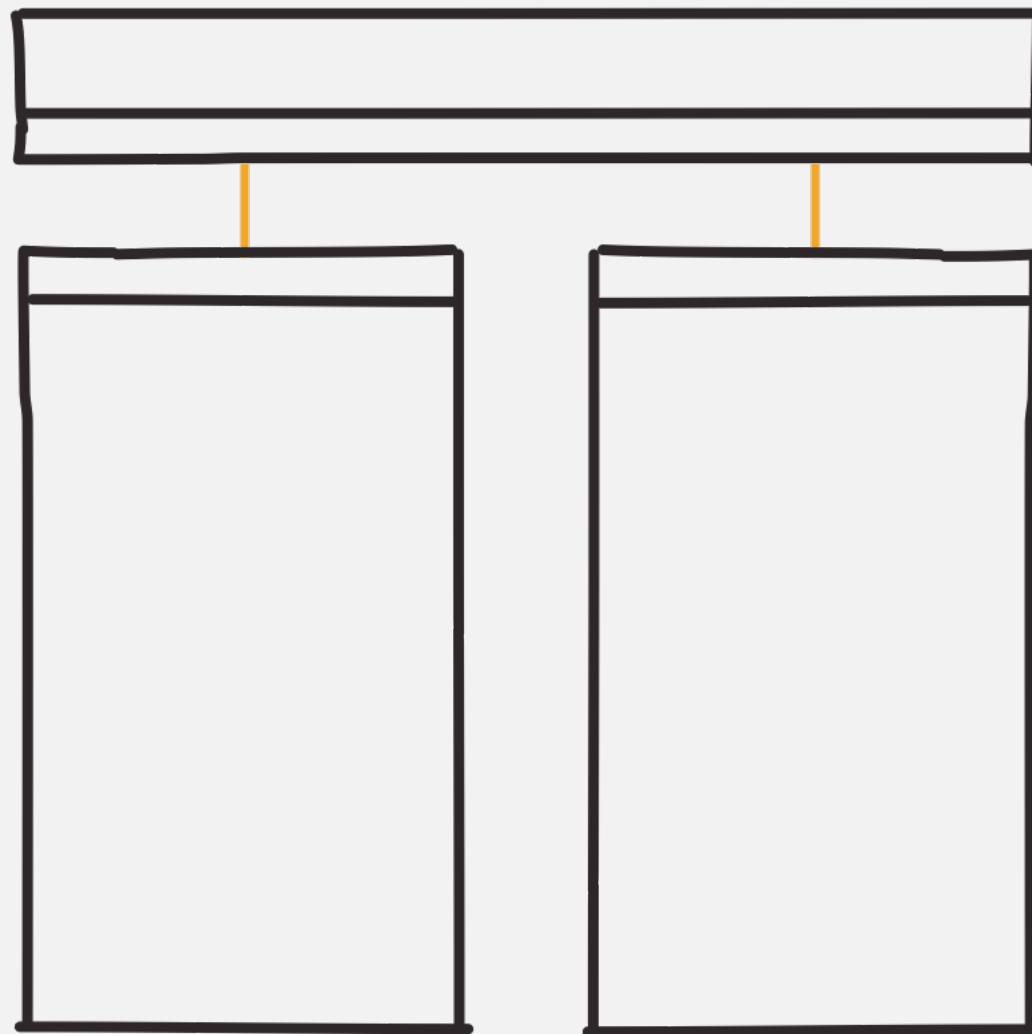
```
const express = require('express')
const axios = require('axios')
const app = express()

axios.defaults.responseType = 'text'

app.get('/hello_world', async (req, res) => {
  const world = await axios.get('http://world.service/world')
  const result = await axios.get(`http://hello.service/hello?arg0=${world}`)
  res.send(result)
})

app.listen(3000)
```









worldlib/index.js

```
module.exports = {
  world: async () => 'world'
}
```



hellolib/index.js

```
module.exports = {
  hello: async (str) => `hello ${str}`
}
```



proxy/index.js

```
const ezp = require('ezp')
const axios = require('axios')

axios.defaults.responseType = 'text'

module.exports = ezp({
  apply: async ([service, method], args) => {
    if (process.env.MONOLITH) {
      return require(`.${service}lib`)[method](...args)
    } else {
      return axios.get(`http://${service}.service/${method}?${encodeArgs(args)}`)
    }
  }
})
```



app/index.js

```
const express = require('express')
const { hello, world } = require('proxy')
const app = express()

app.get('/hello_world', async (req, res) => {
    const world = await world.world()
    const result = await hello.hello(world)
    res.send(result)
})

app.listen(3000)
```









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