

Criar uma conta em cada um dos seguintes serviços:



[GitHub.com](#)
GitHub: Where the world builds software
GitHub is where over 40 million developers share their work and ideas. GitHub makes it easy to work with open source, connect databases, and manage your code. GitHub is the best place to host and manage your code, build CI/CD pipelines, and design workflows, and security.

[GitHub.com](#)



[Heroku.com](#)
Heroku | Sign up
Create apps, connect databases, and manage your code with Heroku. Heroku gives you, for free, A platform for application development and deployment. Use Heroku's tools and services for development and production. Use Heroku's infrastructure to build, deploy, scale, and monitor your applications.

[Railway](#)



[Railway](#)

[Render](#)



[Cloud.MongoDB.com](#)
Cloud: MongoDB Cloud

Abre o terminal e fazer um 'fork'

Cria uma versão do meu projeto com minha própria conta, parte que eu só tenho total controle

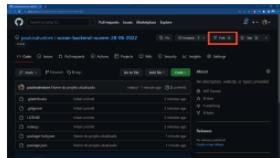
Próximos passos no backend

Nest



Preparação da aula

- 1- Criar conta uma conta no GitHub
- 2- Abrir o link <https://github.com/paulosalvatore/ocean-backend-nuvem-21-07-2022>
- 3- Clicar no botão Fork
- 4- Criar a conta no Heroku (<https://signup.heroku.com/login>)
- 5- Criar uma conta no MongoDB Cloud (<https://account.mongodb.com/account/register>)



Etapas da Aula

1º Banco de Dados

Cloud Atlas MongoDB

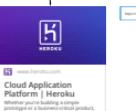
[MongoDB Cloud](#)
O principal em MongoDB Cloud é ter uma solução completa para gerenciar seu banco de dados. MongoDB Atlas, MongoDB e Data Lake são todos integrados ao MongoDB Cloud. Ele também inclui o MongoDB Cloud Data Migration, que pode migrar seu banco de dados existente para a nuvem. O MongoDB Cloud é ótimo.

2º Backend

Railway → eu → Heroku → eu → Render

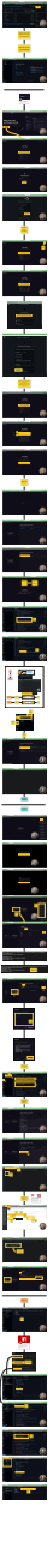


Railway
Railway is an infrastructure platform where you can provision infrastructure, write your code, and then deploy to the cloud.

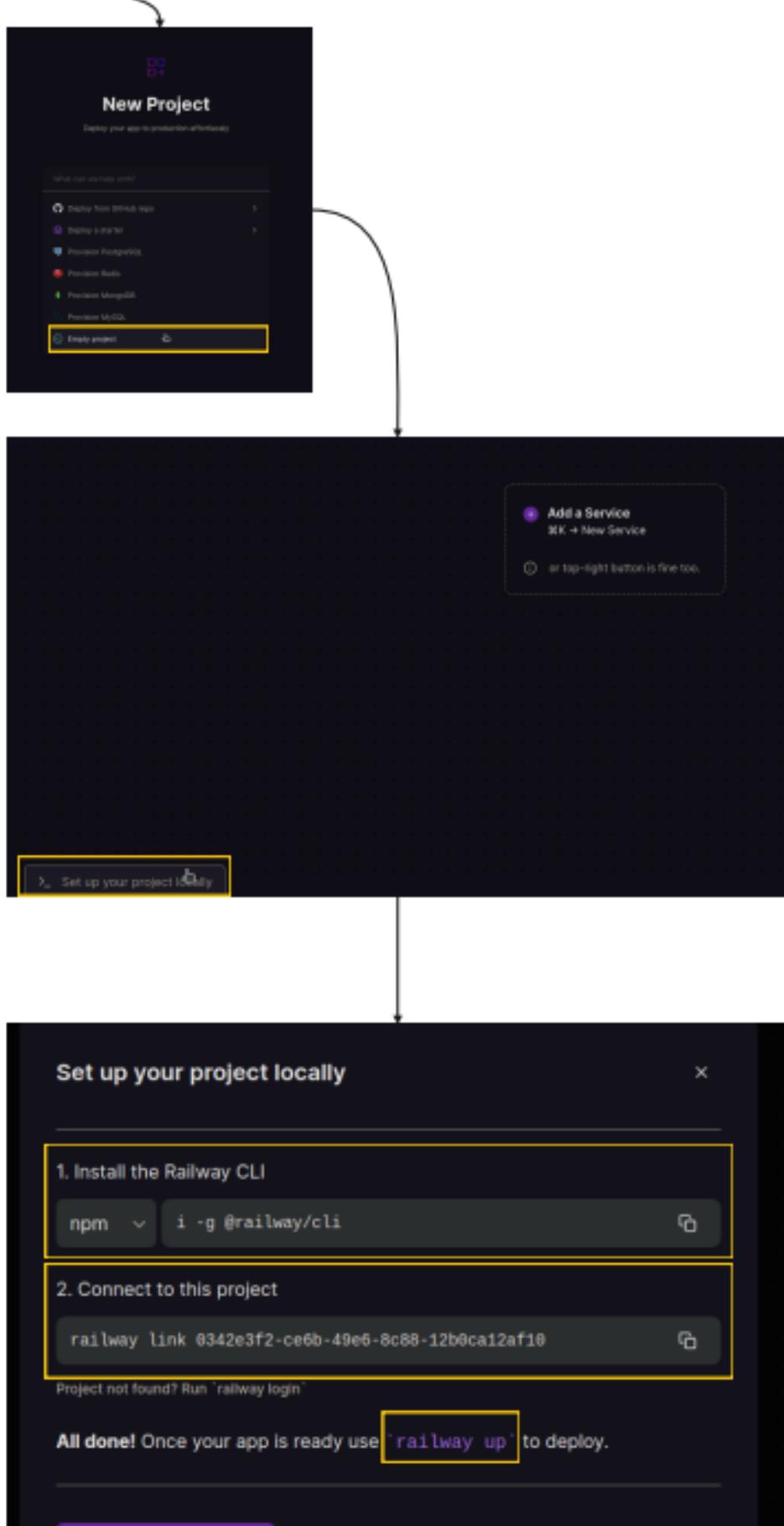


Cloud Application Platform | Heroku
Heroku is a cloud-based platform for building, deploying, and managing web applications. It's built on top of a managed infrastructure, so you don't have to worry about managing servers or databases. Instead, you focus on writing your code and Heroku takes care of the rest.





Faz login no Railway e clica em "New Project"



No seu computador, abra o terminal na pasta do seu projeto e digite os comandos a seguir

`railway login --browserless`
`railway link [id-do-projeto]`
`railway up`

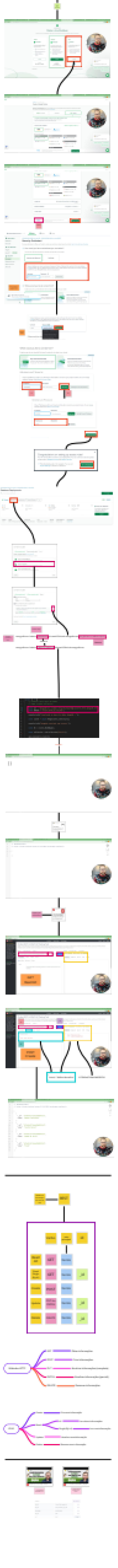
Login no Railway
Conectar projeto
Realizar deploy

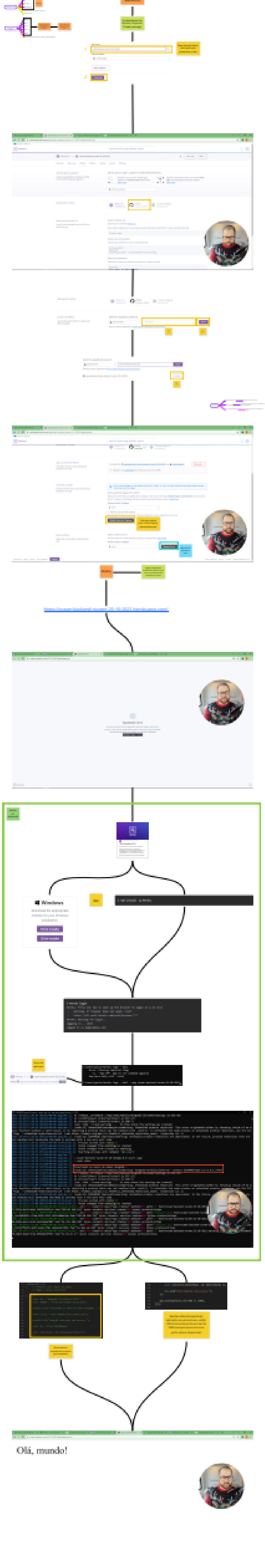
Comandos úteis

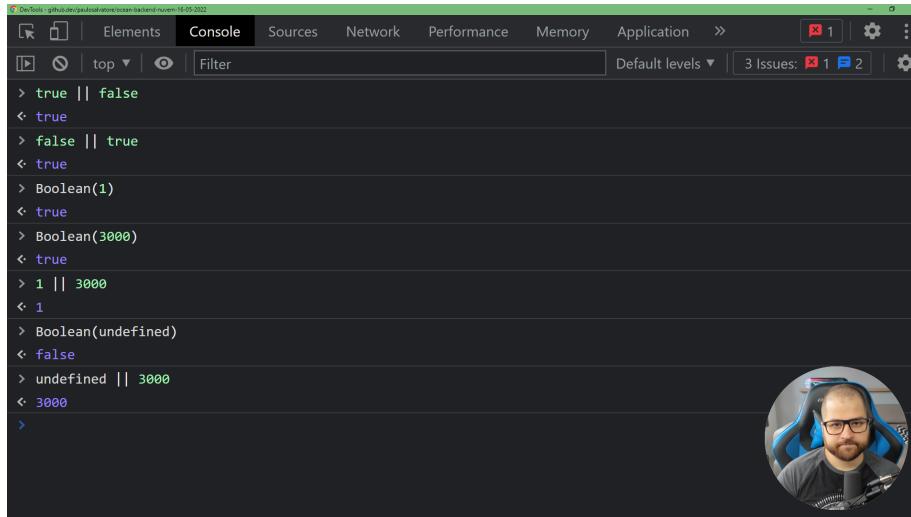
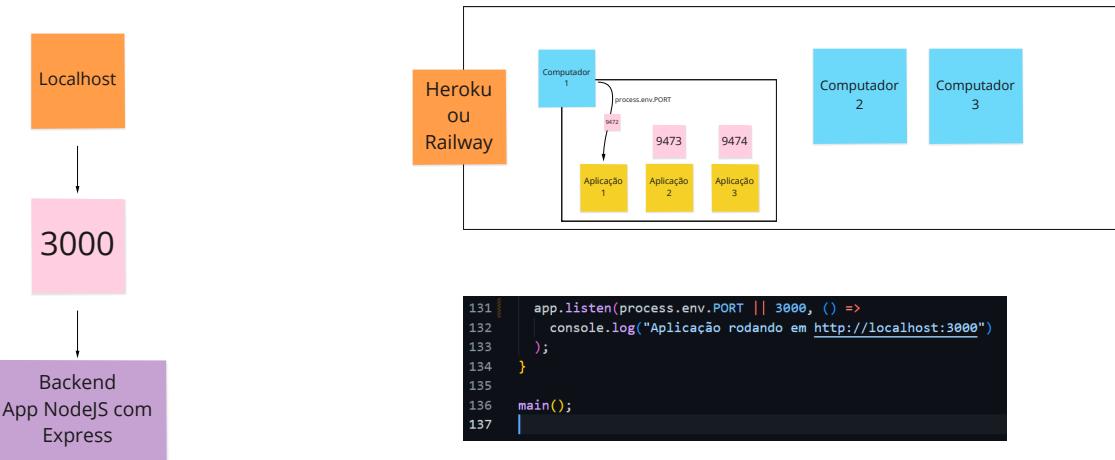
`railway open`
`railway status`
`railway delete [id-do-projeto]`

Abre a página do deploy
Checa o status do user/projeto
Excluir projeto

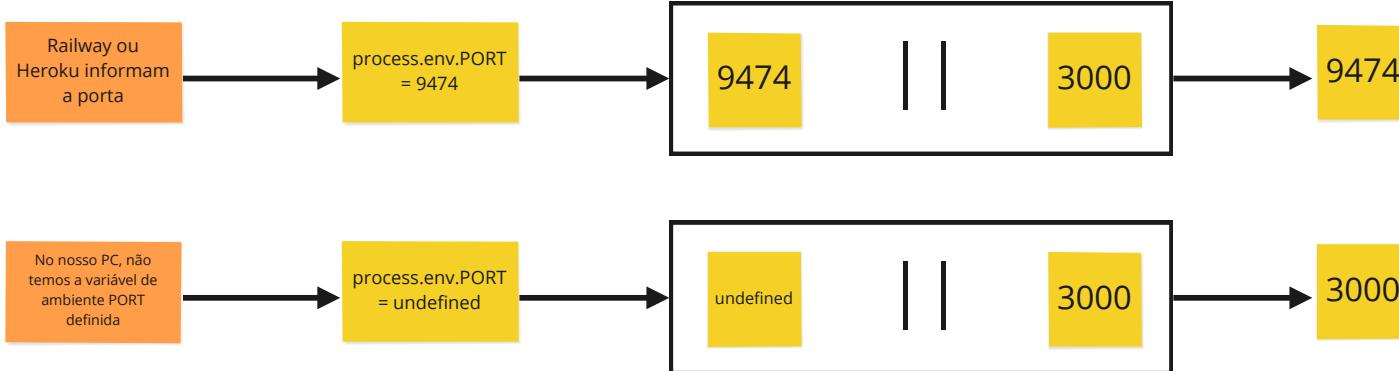








process.env.PORT || 3000,



```

> port = 9472
< 9472
> port || 3000
< 9472
> port = undefined
< undefined
> port || 3000
< 3000
>
  
```

Ambiente

Branch

Destino

Produção
(production)

main

Usuário
final

Ensaio
(staging)

staging

Testes que
simulem o
que o usuário
final verá

Desenvolvimento
(develop)

develop

Novas features,
correções
menos
significantes,
polimentos, etc