



experts club

Criando pipeline com Strapi e AWS CodePipeline

06/03/2022

Agenda

- Sobre mim e a minha relação com o código;
- Sobre a aula
- Requisitos, ambiente e recursos
- Strapi
- Pipeline
- AWS CodePipeline
- AWS Elastic Beanstalk
- AWS RDS
- Referências
- Demo - Prática



Sobre mim e a minha relação com o código

- Ismael Nascimento 'Ash'
- Desde 2014 na área da tecnologia
- CTO Code Coast
- Consultor (arquitetura/desenvolvimento)
- Redes sociais:
 - linkedin.com/in/ismaelash



Sobre a aula

- Strapi
- Pipeline
- AWS CodePipeline
- Código necessário para a aula criado anteriormente:
 - <https://github.com/rocketseat-experts-club/criando-pipeline-strapi-aws-codepipeline-2022-03-06>



Requisitos, ambiente e recursos

- Ambiente e recursos necessários:
 - Visual Studio Code
 - MySQL Workbench
 - Conta AWS



NEW StrapiConf 2022 is coming soon! Grab your ticket

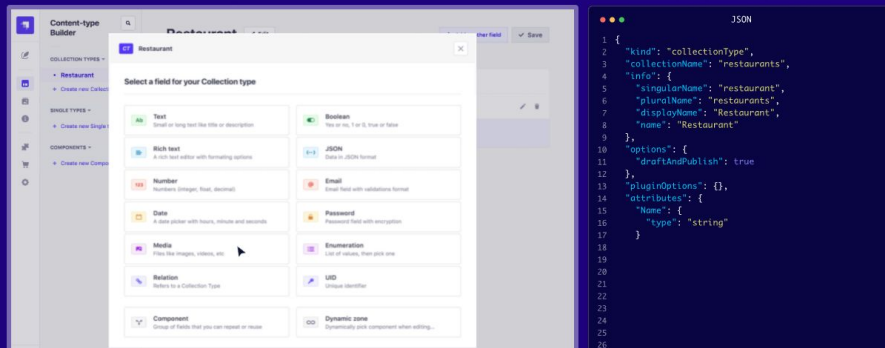
Design APIs fast, manage content easily.

Strapi is the leading open-source headless CMS. It's 100% JavaScript, fully customizable and developer-first.

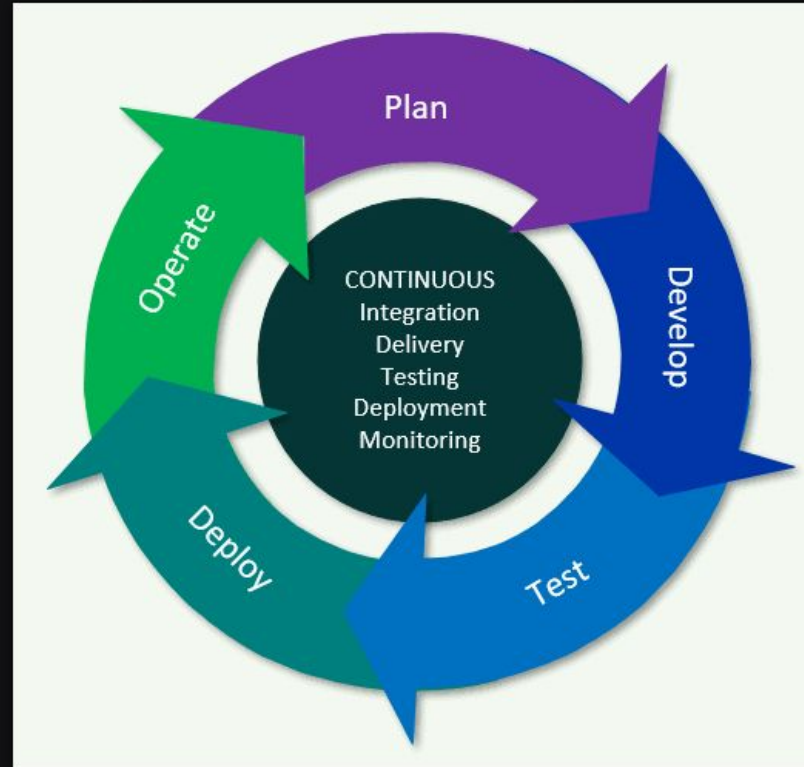
`npm create-strapi-app@latest my-project`

Get Started

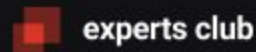
Try the live demo



Pipeline



AWS CodePipeline



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AWS CodePipeline

Automate continuous delivery pipelines for fast and reliable updates

[Get Started with AWS CodePipeline](#)

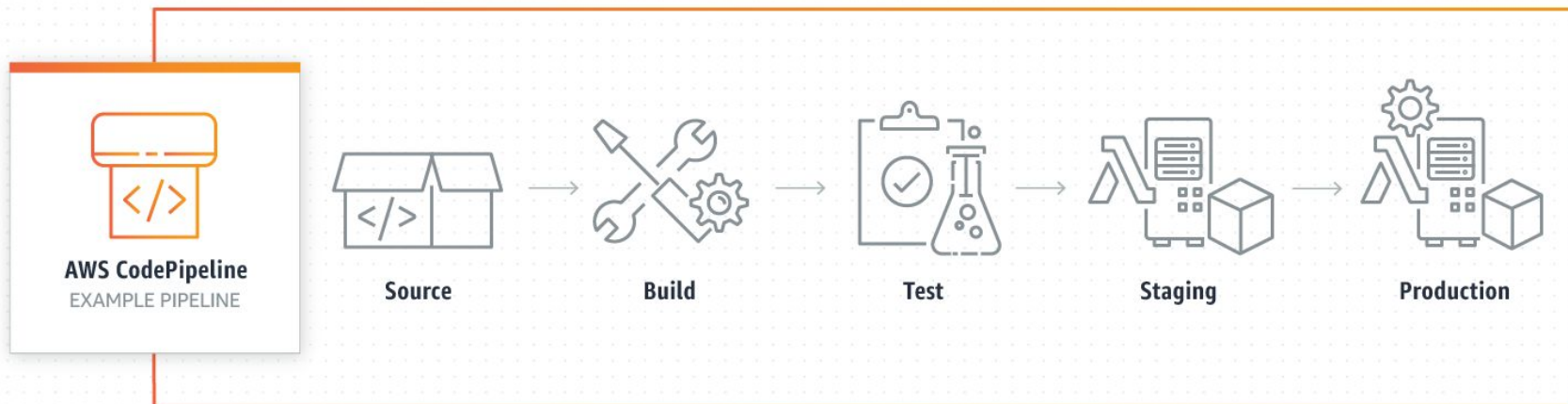
AWS CodePipeline is a fully managed [continuous delivery](#) service that helps you automate your release pipelines for fast and reliable application and infrastructure updates. CodePipeline automates the build, test, and deploy phases of your release process every time there is a code change, based on the release model you define. This enables you to rapidly and reliably deliver features and updates. You can easily integrate AWS CodePipeline with third-party services such as GitHub or with your own custom plugin. With AWS CodePipeline, you only pay for what you use. There are no upfront fees or long-term commitments.

1 active pipeline free

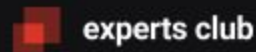
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AWS CodePipeline



AWS Elastic Beanstalk



The AWS logo, consisting of the letters "aws" in white with a curved orange line underneath.

Press **F11** to exit full screen

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AWS Elastic Beanstalk

Easy to begin, Impossible to outgrow

[Get Started with AWS Elastic Beanstalk](#)

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AWS Elastic Beanstalk is an easy-to-use service for deploying and scaling web applications and services developed with Java, .NET, PHP, Node.js, Python, Ruby, Go, and Docker on familiar servers such as Apache, Nginx, Passenger, and IIS.

You can simply upload your code and Elastic Beanstalk automatically handles the deployment, from capacity provisioning, load balancing, auto-scaling to application health monitoring. At the same time, you retain full control over the AWS resources powering your application and can access the underlying resources at any time.




There is no additional charge for Elastic Beanstalk - you pay only for the AWS resources needed to store and run your applications.

A video thumbnail showing a dark blue background with a white play button icon in the center. The icon is surrounded by a hexagonal frame and some faint, glowing lines.

Introduction to AWS Elastic Beanstalk



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Amazon RDS

[Overview](#)

Features 

DB Engines 

Pricing

Resources

FAQs

Customers

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Amazon Relational Database Service (RDS)

Set up, operate, and scale a relational database in the cloud with just a few clicks.

[Get Started with Amazon RDS](#)

[Contact an Amazon RDS specialist](#)

[AWS Free Tier Expansion for Data Transfer](#) | Get more for free when you use the high-performance AWS network »

Amazon Relational Database Service (Amazon RDS) makes it easy to set up, operate, and scale a relational database in the cloud. It provides cost-efficient and resizable capacity while automating time-consuming administration tasks, such as hardware provisioning, database setup, patching, and backups. It frees you to focus on your applications so you can give them the fast performance, high availability, security, and compatibility they need.

Amazon RDS is available on several [database instance types](#) - optimized for memory, performance, or I/O - and provides you with six familiar database engines to choose from, including [Amazon Aurora](#), [PostgreSQL](#), [MySQL](#), [MariaDB](#), [Oracle Database](#), and [SQL Server](#). You can use the [AWS Database Migration Service](#) to easily migrate or replicate your existing databases to Amazon RDS.



Understanding Amazon Relational Database Service
(1:53)

Demo - Prática





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Referências

- <https://strapi.io/>
- <https://aws.amazon.com/codepipeline/>
- <https://aws.amazon.com/elasticbeanstalk/>
- <https://aws.amazon.com/rds/>
- <https://www.youtube.com/watch?v=G8gbRAtzvrc>



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Obrigado!

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