

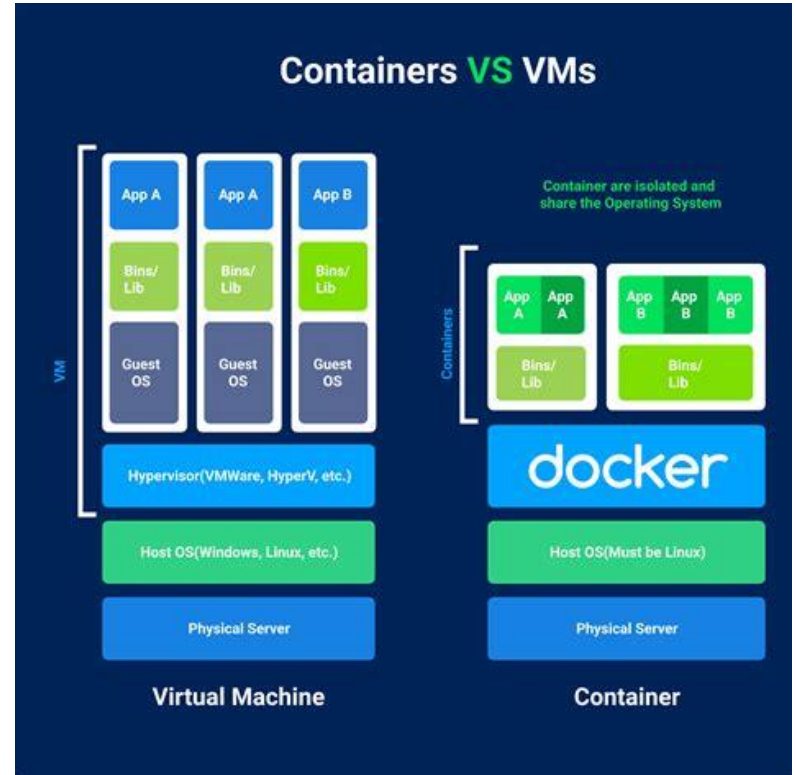
Vitor Satyro, Bruno Costa e Gustavo Gobetti

Pra quê serve o Projeto?

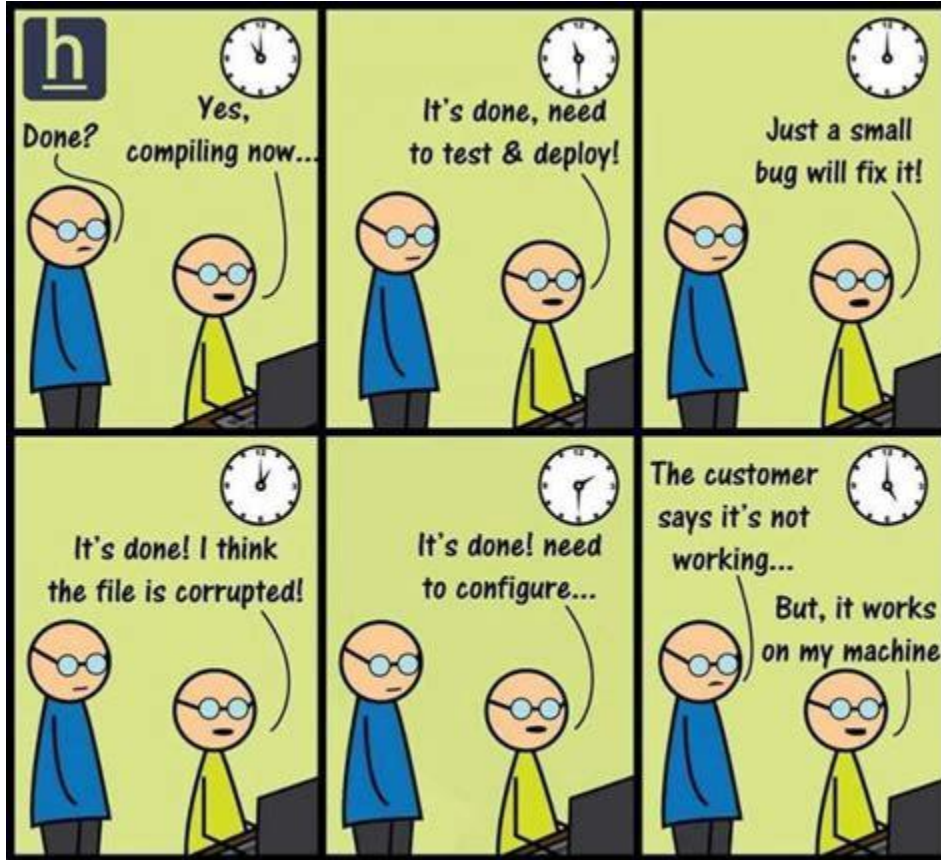
- Docker é um conjunto de produtos de *Platform as a Service* (PaaS) que usam virtualização no nível do sistema operacional para entregar software em objetos chamados *containers*.
 - Os *containers* são isolados uns dos outros e possuem seus próprios softwares, bibliotecas e arquivos de configuração.

Pra quê serve o Projeto?

- Como todos os *containers* compartilham os serviços de um único kernel de OS, eles usam menos recursos do que as máquinas virtuais.



Pra quê serve o Projeto?



Pra quê serve o Projeto?

- Além disso, o projeto ajudou no desenvolvimento da arquitetura conhecida como serverless, em que uma infraestrutura inteira pode ser gerida a partir de containers.



+



AWS
Lambda

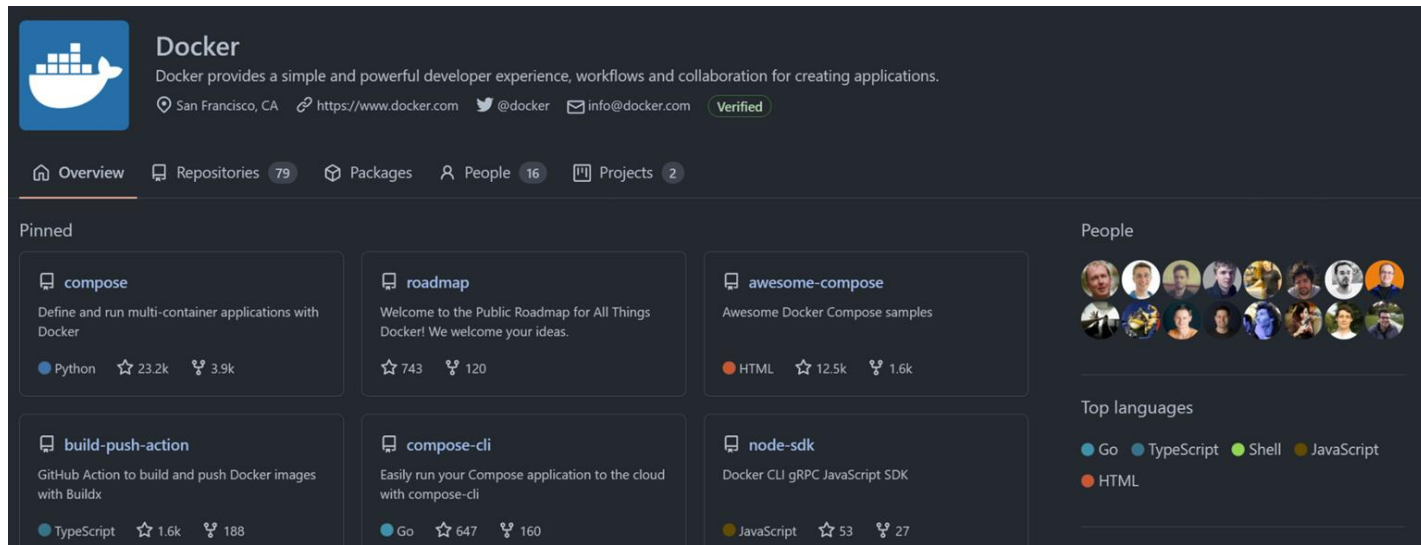
=



Replicated Lambda environment
inside a Docker container

Onde está o código fonte? Quais tecnologias são usadas?

Repositório Oficial : <https://github.com/docker>



The screenshot shows the Docker GitHub repository page. At the top, the Docker logo is on the left, followed by the repository name 'Docker' and a description: 'Docker provides a simple and powerful developer experience, workflows and collaboration for creating applications.' Below this, the location 'San Francisco, CA' and links to the website, Twitter, and email are shown, along with a 'Verified' badge. A navigation bar includes 'Overview', 'Repositories' (79), 'Packages', 'People' (16), and 'Projects' (2). The 'Pinned' section features six repository cards: 'compose' (Python, 23.2k stars, 3.9k forks), 'roadmap' (743 stars, 120 forks), 'awesome-compose' (HTML, 12.5k stars, 1.6k forks), 'build-push-action' (TypeScript, 1.6k stars, 188 forks), 'compose-cli' (Go, 647 stars, 160 forks), and 'node-sdk' (JavaScript, 53 stars, 27 forks). On the right, the 'People' section displays a grid of contributor avatars, and the 'Top languages' section shows a bar chart for Go, TypeScript, Shell, JavaScript, and HTML.

Docker
Docker provides a simple and powerful developer experience, workflows and collaboration for creating applications.
San Francisco, CA | <https://www.docker.com> | @docker | info@docker.com | Verified

Overview | Repositories 79 | Packages | People 16 | Projects 2

Pinned

- compose**
Define and run multi-container applications with Docker
Python 23.2k stars 3.9k forks
- roadmap**
Welcome to the Public Roadmap for All Things Docker! We welcome your ideas.
743 stars 120 forks
- awesome-compose**
Awesome Docker Compose samples
HTML 12.5k stars 1.6k forks
- build-push-action**
GitHub Action to build and push Docker images with Buildx
TypeScript 1.6k stars 188 forks
- compose-cli**
Easily run your Compose application to the cloud with compose-cli
Go 647 stars 160 forks
- node-sdk**
Docker CLI gRPC JavaScript SDK
JavaScript 53 stars 27 forks

People

Top languages

- Go TypeScript Shell JavaScript HTML

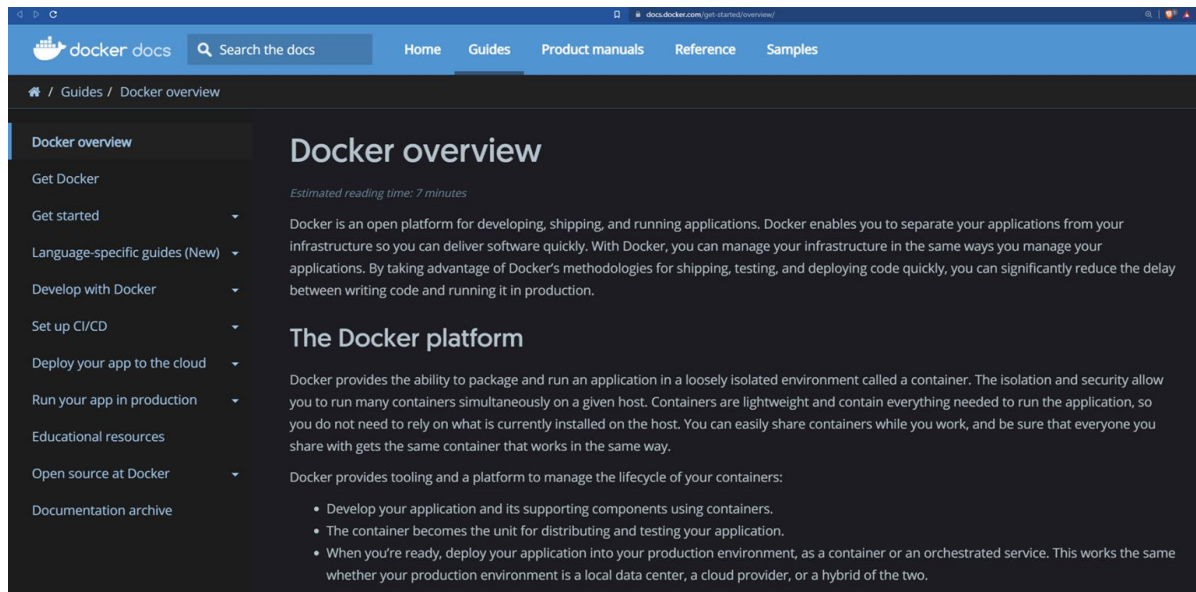
Qual a licença? Existem guidelines públicas ou algum tipo de burocracia para contribuições?

- Licença Atual : Apache License, Version 2.0.
- Guidelines: <https://docker.github.io/get-involved/docs/contribution-guidelines/contributecode/>



Existe documentação de desenvolvedor?

Sim! [Docker overview](#)



The screenshot shows the Docker documentation website. The top navigation bar includes the Docker logo, a search bar, and links for Home, Guides, Product manuals, Reference, and Samples. The breadcrumb trail indicates the current location: Home / Guides / Docker overview. The left sidebar lists various documentation topics, with 'Docker overview' highlighted. The main content area features the title 'Docker overview' with an estimated reading time of 7 minutes. The text describes Docker as an open platform for developing, shipping, and running applications, emphasizing its ability to separate applications from infrastructure. Below this, a section titled 'The Docker platform' explains that Docker provides a way to package and run applications in containers, which are lightweight and isolated environments. It also mentions that Docker provides tooling to manage the lifecycle of containers.

Docker overview
Estimated reading time: 7 minutes

Docker is an open platform for developing, shipping, and running applications. Docker enables you to separate your applications from your infrastructure so you can deliver software quickly. With Docker, you can manage your infrastructure in the same ways you manage your applications. By taking advantage of Docker's methodologies for shipping, testing, and deploying code quickly, you can significantly reduce the delay between writing code and running it in production.

The Docker platform

Docker provides the ability to package and run an application in a loosely isolated environment called a container. The isolation and security allow you to run many containers simultaneously on a given host. Containers are lightweight and contain everything needed to run the application, so you do not need to rely on what is currently installed on the host. You can easily share containers while you work, and be sure that everyone you share with gets the same container that works in the same way.

Docker provides tooling and a platform to manage the lifecycle of your containers:

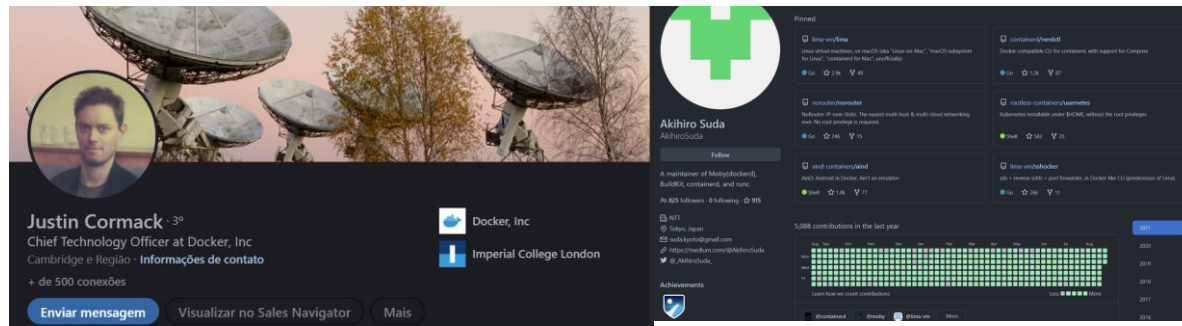
- Develop your application and its supporting components using containers.
- The container becomes the unit for distributing and testing your application.
- When you're ready, deploy your application into your production environment, as a container or an orchestrated service. This works the same whether your production environment is a local data center, a cloud provider, or a hybrid of the two.

Como o projeto é comandado?

Pela empresa Docker com o apoio de colaboradores

Os principais desenvolvedores e evangelistas:

- Justin Cormack
- Ajeet Singh
- Akihiro Suda
- Marcos Lilljedahl



The image shows two LinkedIn profiles side-by-side. The left profile is for Justin Cormack, Chief Technology Officer at Docker, Inc., with a background image of satellite dishes. The right profile is for Akihiro Suda, a member of the Docker community, with a green cross logo. Both profiles show their names, titles, company/affiliation, and a list of recent posts or contributions. Justin's profile includes a 'Enviar mensagem' button and a 'Visualizar no Sales Navigator' button. Akihiro's profile shows a 'Follow' button and a 'Pinned' post.

Roadmap Público

- “Thank you for the interest in Docker and our products! This is the public roadmap for Docker Products and Services (Hub, Desktop, Engine, docker-compose, Docker App).”
- Código de conduta e FAQs
- <https://github.com/docker/roadmap>

Contribuições Externas

- Issues - <https://github.com/docker/docker.github.io/issues>
- <https://docs.docker.com/opensource/ways/>
- Documentação x Repositório
- Slack, Twitter, Forum e Github



Arrecadação

- Empresas patrocinadoras (AWS, Datadog, Mirantis, RedHat, MSAzure, VMWare).
- Rodadas de arrecadação: última foi de 23 milhões de dólares.

**Docker Raises \$23 Million to Capitalize on
Accelerating Demand for Modern Apps and to
Increase Developer Velocity**

Series B round led by Tribe Capital as Docker's annual recurring revenue (ARR) increased 170% year-over-year

FIM



When your boss tells you we're
converting to microservices,
using docker