

Nos bastidores do Sucesso: Desvendando os segredos do Backstage



Carlos Diêgo Bezerra



QUEM EU SOU?

Meu nome é Carlos Diêgo, sou
Recifense, tenho 34 anos, casado e
tenho uma filha.

Gosto muito de IOT, tecnologia em
geral, inovação, futebol e churrasco.

Graduado em ADS e pós-graduado
em Engenharia de Software.

15 anos + de experiência e DevOps
Engineer na Conta Simples.



O QUE É O BACKSTAGE?



Backstage

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[uffizzi](#) [0 environments](#) [openssf best practices](#) [in progress](#) 58% [openssf scorecard](#) 6.2

What is Backstage?

[Backstage](#) is an open source framework for building developer portals. Powered by a centralized software catalog, Backstage restores order to your microservices and infrastructure and enables your product teams to ship high-quality code quickly without compromising autonomy.



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GraphQL

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Kind

Component

Type

all

PERSONAL

Owned

8

Starred

0

BACKSTAGE

All

16

OWNER

LIFECYCLE

TAGS

PROCESSING STATUS

All components (16)

Filter

NAME	SYSTEM	OWNER	TYPE	LIFECYCLE	DESCRIPTION	TAGS	ACTIONS
artist-lookup	artist-engagement-portal	team-a	service	experimental	Artist Lookup	java, data	🔗 ✎ ☆
backstage		cncf	library	experimental	Backstage is an...		🔗 ✎ ☆
backstage-demo		backstage/maintainers	website	experimental	An example...		🔗 ✎ ☆
dice-roller		guest	service	production	It rolls dice	go	🔗 ✎ ☆
petstore		Team C	service	experimental	[The...		🔗 ✎ ☆
playback-order	audio-playback	Guest User	service	production	Playback Order	java, playback	🔗 ✎ ☆
playback-sdk	audio-playback	Team C	library	experimental	Audio and video...		🔗 ✎ ☆
podcast-api	podcast	Team B	service	experimental	Podcast API	java	🔗 ✎ ☆
queue-proxy	podcast	Team B	website	production	Queue Proxy	go, website	🔗 ✎ ☆
searcher		Guest User	service	production	Searcher	go	🔗 ✎ ☆
shuffle-api	audio-playback	Guest User	service	production	Shuffle API	go	🔗 ✎ ☆
wayback-archive		team-a	service	production	Archive of the...		🔗 ✎ ☆
wayback-archive-ingestion		Team D	service	production	Ingestion...		🔗 ✎ ☆
wayback-archive-storage		team-a	service	production	Storage...		🔗 ✎ ☆
wayback-search		team-a	service	production	Search of the...		🔗 ✎ ☆
www-artist	artist-engagement-portal	team-a	website	production	Artist main website		🔗 ✎ ☆

CREATE

SUPPORT

Search

OVERVIEW

CI/CD

API

DEPENDENCIES

DOCS

TODOS

About

VIEW
SOURCEVIEW
TECHDOCS

DESCRIPTION

Artist Lookup

OWNER

team-a

LIFECYCLE

experimental

SYSTEM

artist-engagement-portal

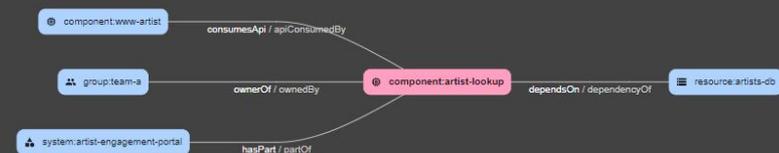
TAGS

java data

TYPE

service

Relations



View graph →

Links

Examples Users

Dashboard

Alerts

Example Group

Support

Link with Cloud Icon

Website

Has subcomponents

NAME	OWNER	TYPE	LIFECYCLE	DESCRIPTION
------	-------	------	-----------	-------------

No subcomponent is part of this component
[Learn how to change this.](#)

Settings

Backstage

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Backstage



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What is Backstage?

Backstage is an open source framework for building developer portals. Powered by a centralized software catalog, Backstage restores order to your microservices and infrastructure and enables your product teams to ship high-quality code quickly without compromising autonomy.

Backstage unifies all your infrastructure tooling, services, and documentation to create a streamlined development environment from end to end.



Create a New Component β

Create new software components using standard templates



Available Templates

REGISTER EXISTING COMPONENT

SUPPORT

Search

PERSONAL

★ Starred 0

MY COMPANY

All 6

CATEGORIES

TAGS

Recommended

documentation ☆

Documentation Template

DESCRIPTION
Create a new standalone documentation project

OWNER
backstage/techdocs-core

TAGS
recommended techdocs mkdocs

CHOOSE

website ☆

React SSR Template

DESCRIPTION
Create a website powered with Next.js

OWNER
web@example.com

TAGS
recommended react

CHOOSE

service ☆

Spring Boot gRPC Service

DESCRIPTION
Create a simple microservice using gRPC and Spring Boot Java

OWNER
service@example.com

TAGS
recommended java grpc

CHOOSE

Other Templates

website ☆

Create React App Template

DESCRIPTION
Create a new CRA website project

OWNER
web@example.com

TAGS
react cra

CHOOSE

service ☆

Pull Request Action template

DESCRIPTION
scaffolder v1beta2 template demo publishing to PR on existing git repository

OWNER
backstage/techdocs-core

TAGS

CHOOSE

service ☆

Test Action template

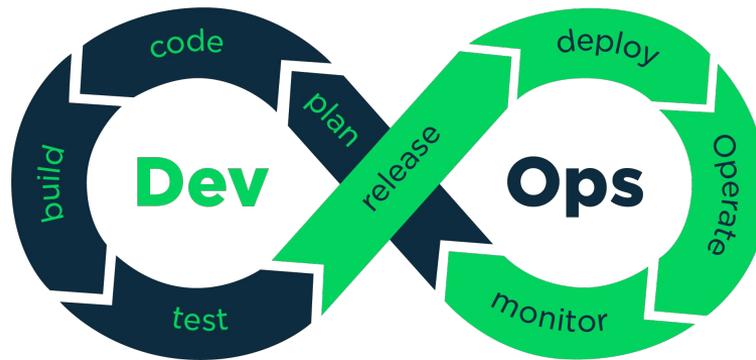
DESCRIPTION
scaffolder v1beta2 template demo publishing to github

OWNER
backstage/techdocs-core

TAGS

CHOOSE

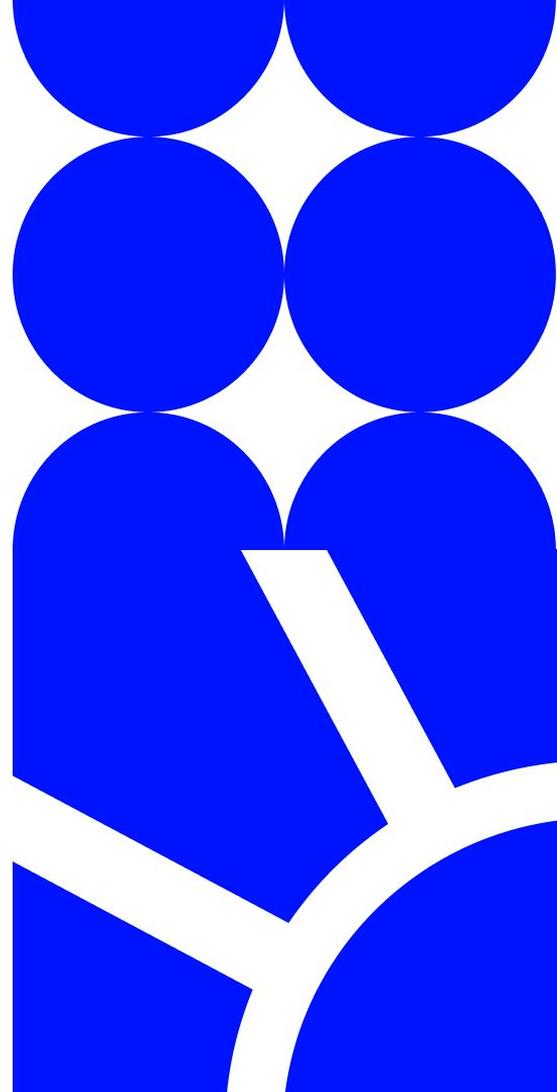
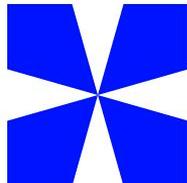
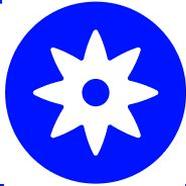
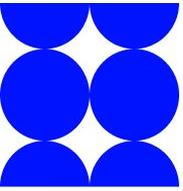
SEM UM IDP



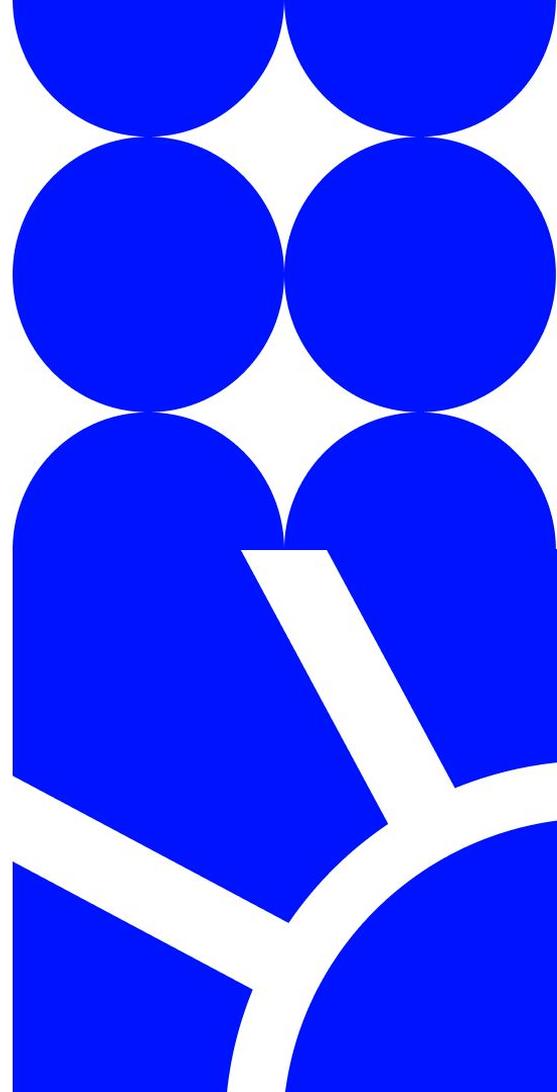
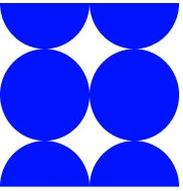
- Como testo?
- Como faço Deploy?
- Como documento?
- Essa API é serve ou consome quais serviços?
- Qual time é responsável por esse serviço?
- E a Infra?

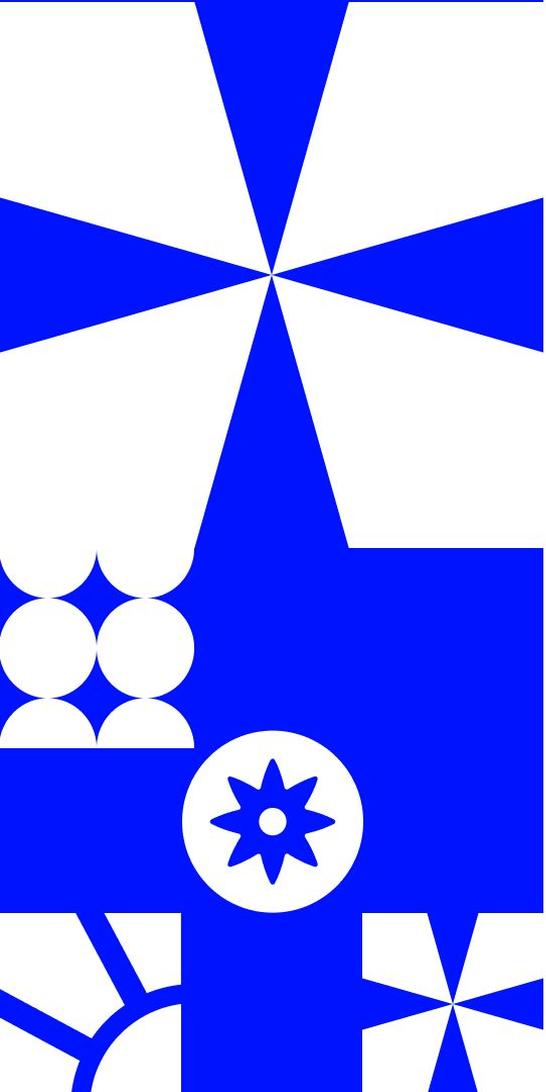
COM UM IDP

O Backstage ou outro IDP, **NÃO** vai resolver todos os seus problemas!!!

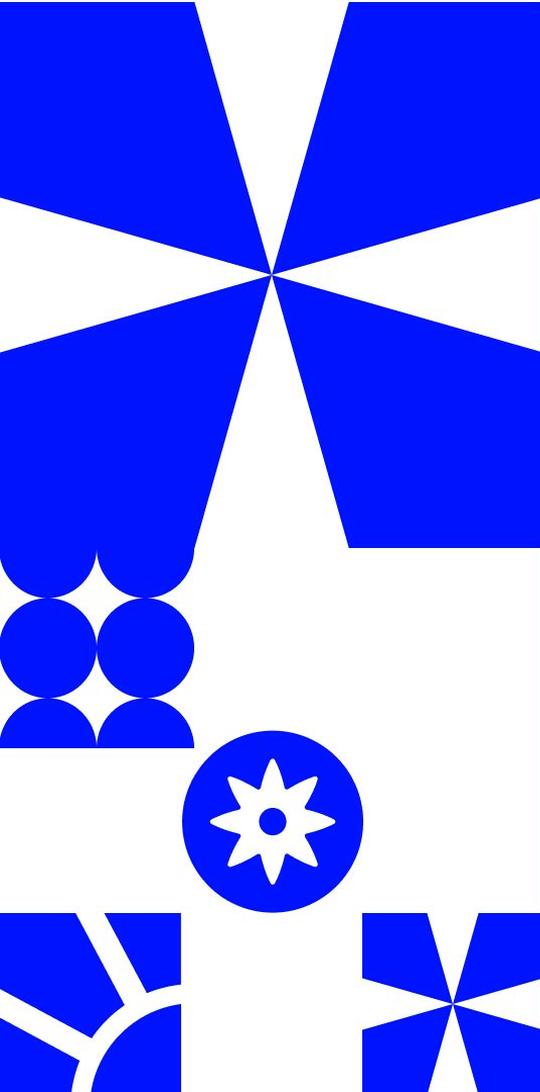


COM UM IDP





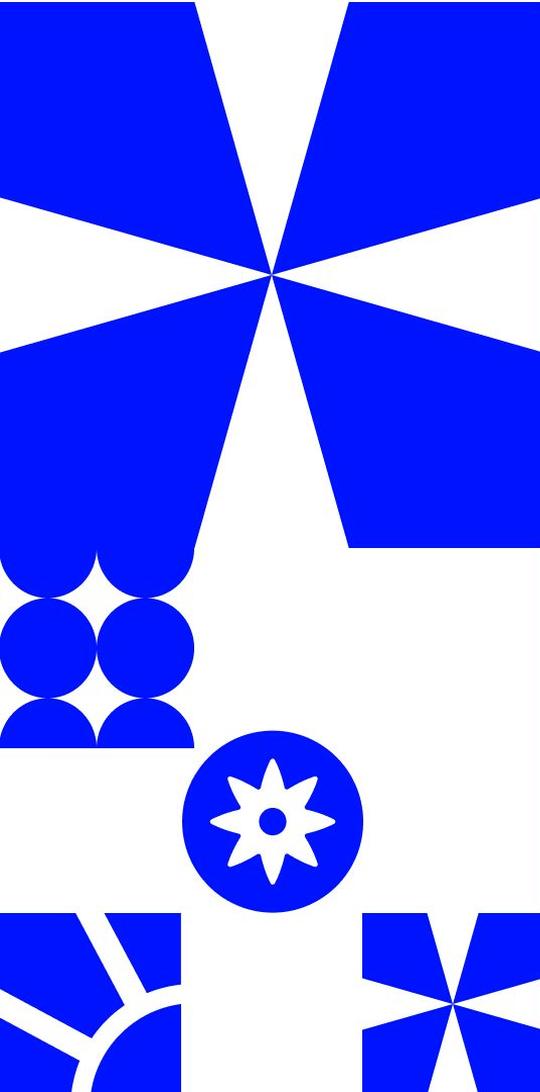
**DevOps NÃO É APENAS SABER
FERRAMENTAS!**



PRINCIPAIS PROBLEMAS ENCONTRADOS

- Falta de padrão
- Recursos órfãos
- + 3 dias para disponibilização de ambientes
- Várias ferramentas descentralizadas

e mais...



SOLUÇÃO PROPOSTA

- Padronização de projetos
- Recursos linkados com owners
- Disponibilização de ambientes em minutos
- Ferramenta única

e mais...

OBRIGADO!

