

Documentação Técnica - Case de Teste Azure DevOps – IDP Tecnologia

Autor

Márcio Fernandes

GitHub: [marcioo561](#)

Repositório: [Cased-de-teste-IDP](#)

1. Resumo do Projeto

Este documento descreve o passo a passo da implementação das tarefas definidas no desafio técnico proposto pelo IDP Tecnologia, com foco em **administração, monitoramento, automação, escalabilidade e segurança** de um ambiente híbrido baseado em Azure DevOps.

2. Setup Inicial

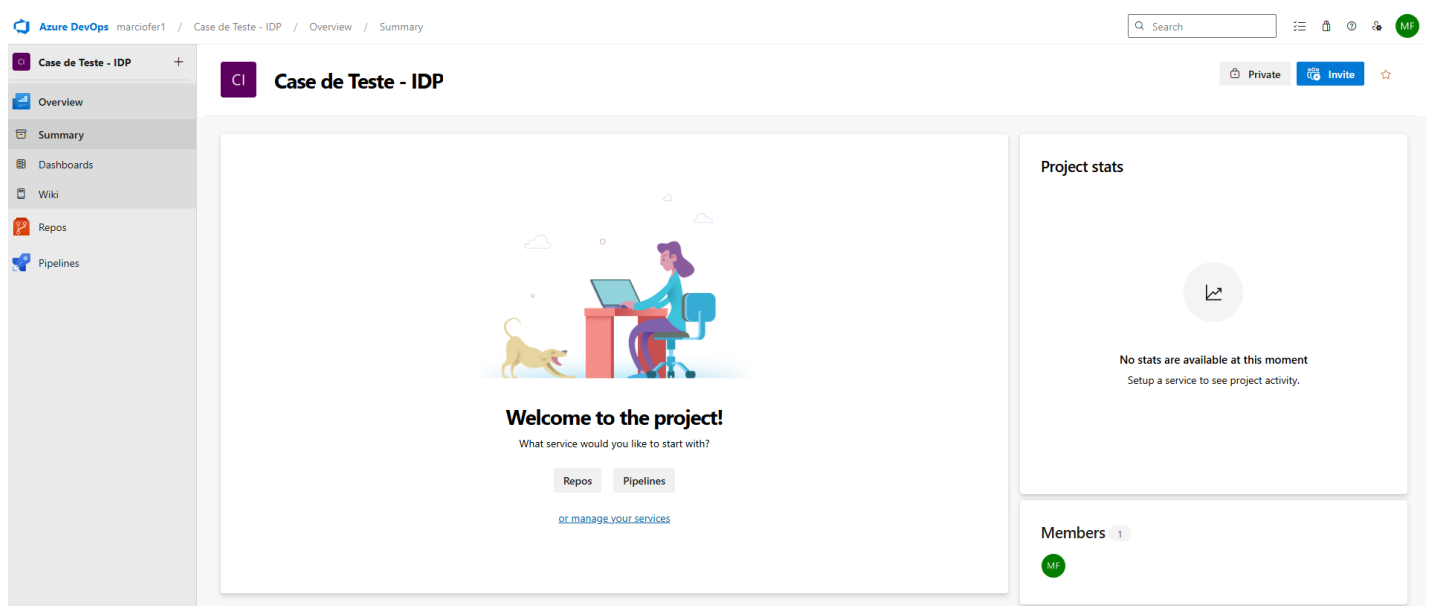
2.1 Integração GitHub → Azure DevOps


















- Conta GitHub conectada ao Azure DevOps via *Service Connection*.
- Ativado o serviço **Repos** no Azure DevOps.
- Repositório do projeto hospedado em: Cased-de-teste-IDP.

2.2 Criação dos Pipelines

- O pipeline foi escrito em YAML e comitado no repositório.
- Como a conta do Azure DevOps não possui agentes hospedados gratuitos no momento, utilizou-se **GitHub Actions** para simular a execução do CI/CD.

Projeto criado com o acesso ao meu GitHub



- CI
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Project Settings

Case de Teste - IDP

General

Overview

- Teams
- Permissions
- Notifications
- Service hooks
- Dashboards
- Pipelines
 - Agent pools
 - Parallel jobs
 - Settings
 - Test management
 - Service connections
 - XAML build services
- Artifacts
 - Storage
- Test
 - Retention

Project details

Name

Case de Teste - IDP

Description

Case de Teste - Administrador de Ambiente Azure DevOps

Save







Project administrators

MF

Márcio Fernandes
marciofer1@live.com

Add administrator

Azure DevOps services

-  **Boards**
Flexible agile planning with boards and cross-product issues ☐ Off
-  **Repos**
Repos, pull requests, advanced file management and more ☐ Off
-  **Pipelines**
Build, manage, and scale your deployments to the cloud ☒ On
-  **Test Plans**
Structured manual testing at any scale for teams of all sizes ☐ Off

Ativado o serviço “Repos”


Permite que o repositório do meu github suba para o Azure

Project administrators



Márcio Fernandes
marciofer1@live.com

Add administrator

 Refresh page to see changes.

Azure DevOps services



Boards

Flexible agile planning with boards and cross-product issues

☐ Off



Repos

Repos, pull requests, advanced file management and more

☒ On



Pipelines

Build, manage, and scale your deployments to the cloud

☒ On



Test Plans

Structured manual testing at any scale for teams of all sizes

☐ Off

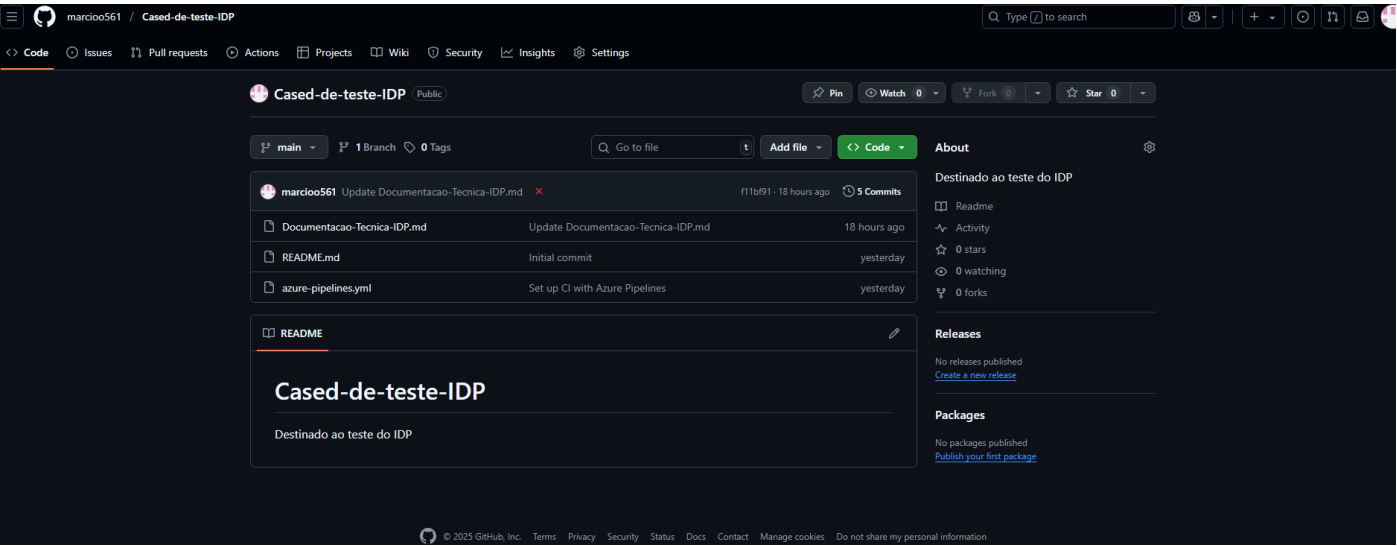
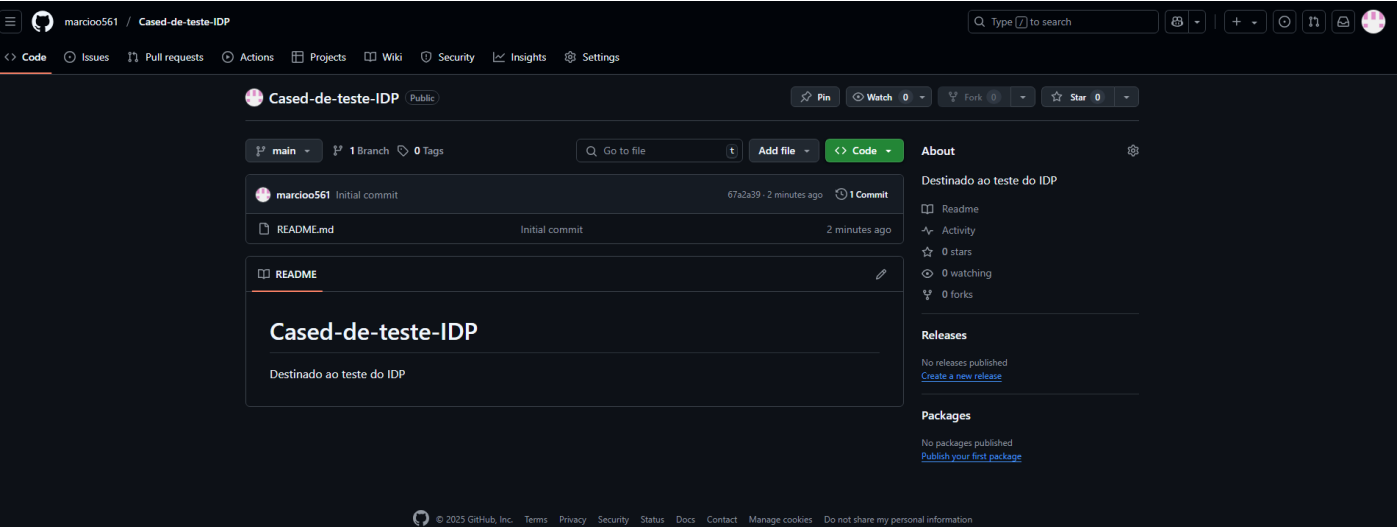


Artifacts

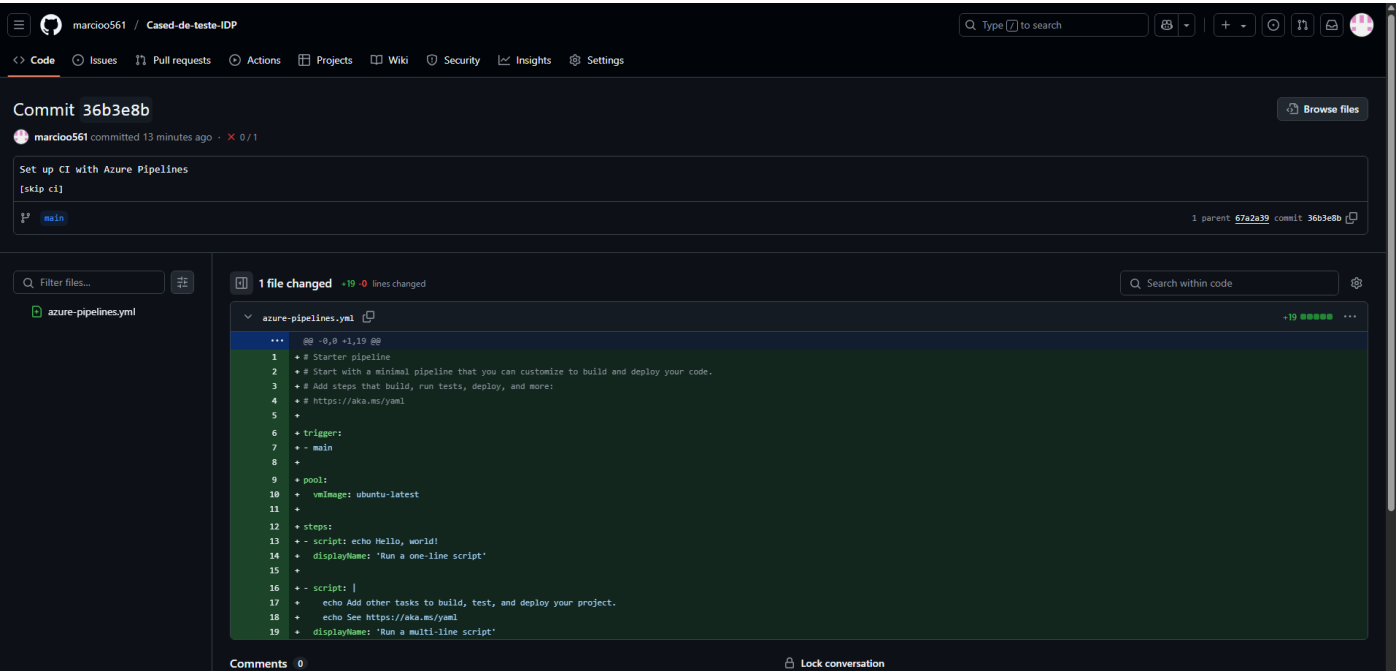
Continuous delivery with artifact feeds containing NuGet, npm, Maven, Universal, and Python packages

☐ Off

Código criado no Github



Código subido para o github



Como o Pipilines solicita de 24 a 48 para disponibilizar o uso irei fazer no GitHub Actions

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Case de Teste - IDP

Overview

Repos

Pipelines

Pipelines

Environments

Library

Jobs in run #20250722.1

marcio561.Cased-de-teste-IDP

Jobs

Job

Job

1 ##[error]No hosted parallelism has been purchased or granted. To request a free parallelism grant, please fill out the following form https://aka.ms/azpipelines-parallelism-request

2 Pool: Azure Pipelines

3 Image: ubuntu-latest

4 Started: Today at 11:49

5 Duration: 27m 40s

6

7 ▶ Job preparation parameters

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Case de Teste - IDP

Overview

Repos

Pipelines

Pipelines

Environments

Library

#20250723.1 • Update Documentacao-Tecnica-IDP.md

marcio561.Cased-de-teste-IDP

Rerun failed jobsRun new

This run will be cleaned up after 1 month based on your project settings.

Summary

Code Coverage

Manually run by Márcio Fernandes

Repository and version

marcio561/Cased-de-teste-IDP

main f11b913

Time started and elapsed

Today at 10:12

<1s

Related

0 work items

0 artifacts

Tests and coverage

Get started

View change

Errors 1

No hosted parallelism has been purchased or granted. To request a free parallelism grant, please fill out the following form https://aka.ms/azpipelines-parallelism-request

20250723.1

View documentation for troubleshooting failed runs

Jobs

Name	Status	Duration
Job	Failed	