

KEEP
C.A.L.M.S.
AND
DO
DevOps

TEST FOR

9# Testing Dojo Uai
Edson Marques e
Pedro Golino



#VEMPRABHS





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o nosso app e abra
sua conta gratuita.**



bs2.
Banco

TESTING
DOJO
UAI



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Edson Marques – BHS

Cloud & DevOps

www.edsonmarques.com.br

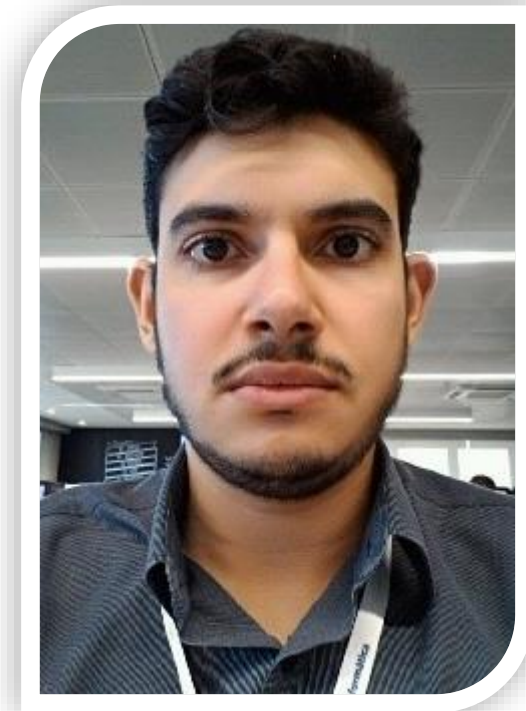
Pedro Golino – Banco BS2

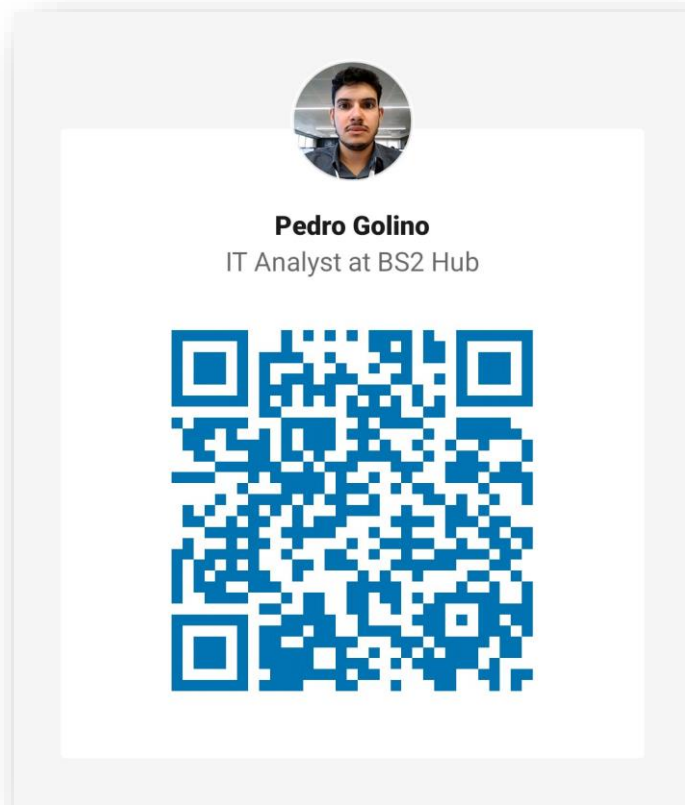
13 anos de Experiência em TI

Arquiteto de Softwares

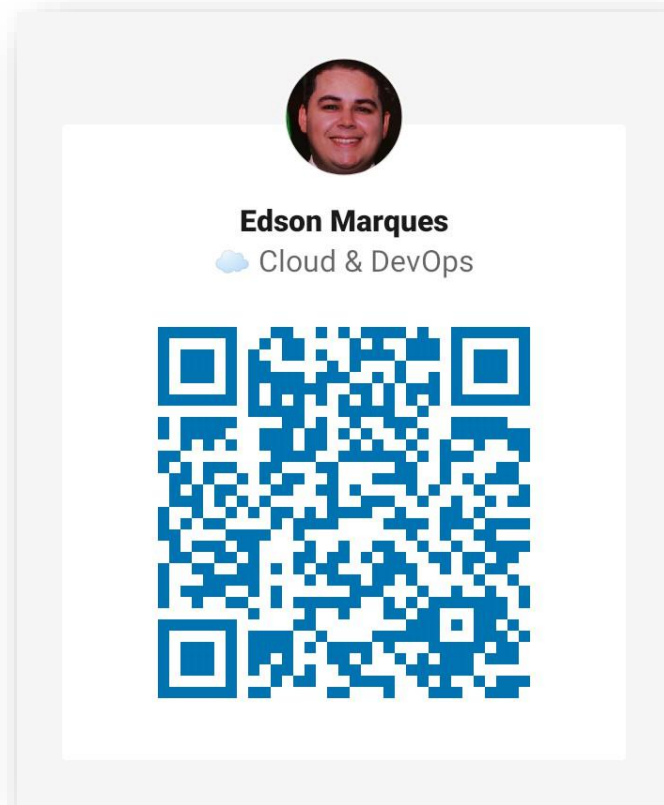

Pós graduando em Arquitetura de Software

Melhoria Contínua em DevOps há 4+ anos






Pedro Golino
IT Analyst at BS2 Hub



Edson Marques
Cloud & DevOps



15:51

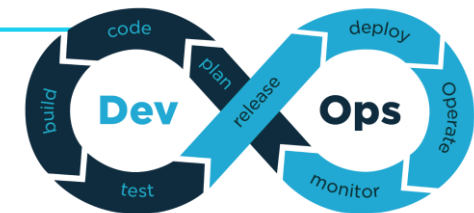
Pesquisar

1.262
Visualizar conexões

Na sua área (desativado)

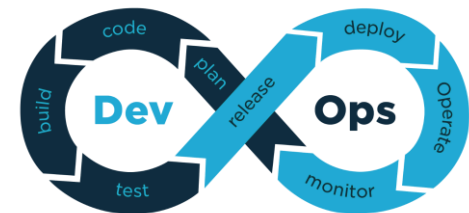
Adicionar

Networking



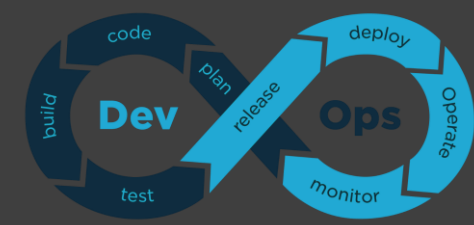
“O DevOps é a união de pessoas, processos e produtos para permitir a entrega contínua de valor aos nossos usuários finais”

Donavan Brown





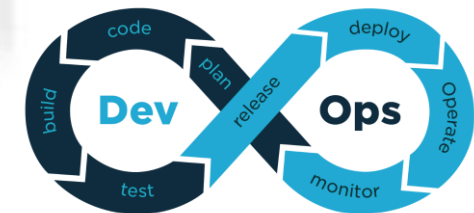
2003 – Ben Treynor - Google



2009 – Flickr

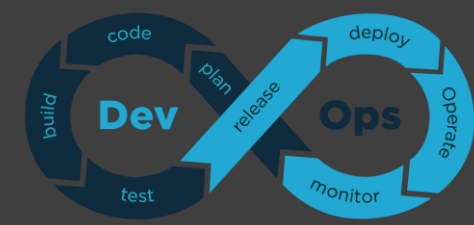
10 deploys per day
Dev & ops cooperation at Flickr

John Allspaw & Paul Hammond
Velocity 2009

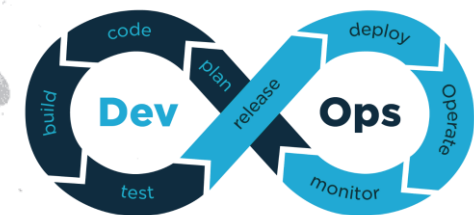




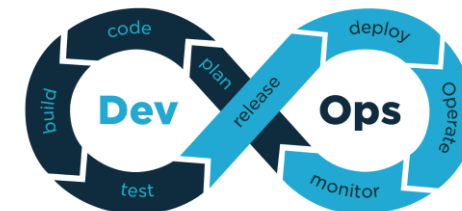
*2009 - Patrick
Debois -
DevOps Days*



E o que manter-se
C.A.L.M.S. tem a ver
com isso?



"O acrônimo CALMS é muito utilizado para representar DevOps e foi criado em 2010 por John Willis e Damon Edwards, inicialmente com CAMS e posteriormente tendo incorporado o L (Lean) para destacar a importância da melhoria contínua e processos enxutos"



C.A.L.M.S - Automação

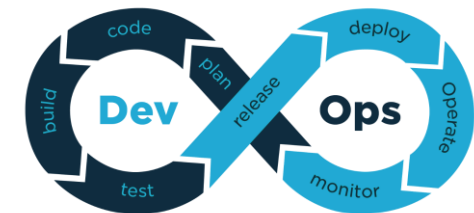
Integração e entrega contínua

Infra como código

Pipeline de implantação

Orquestração

Testes automatizados

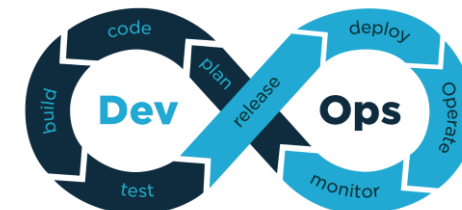
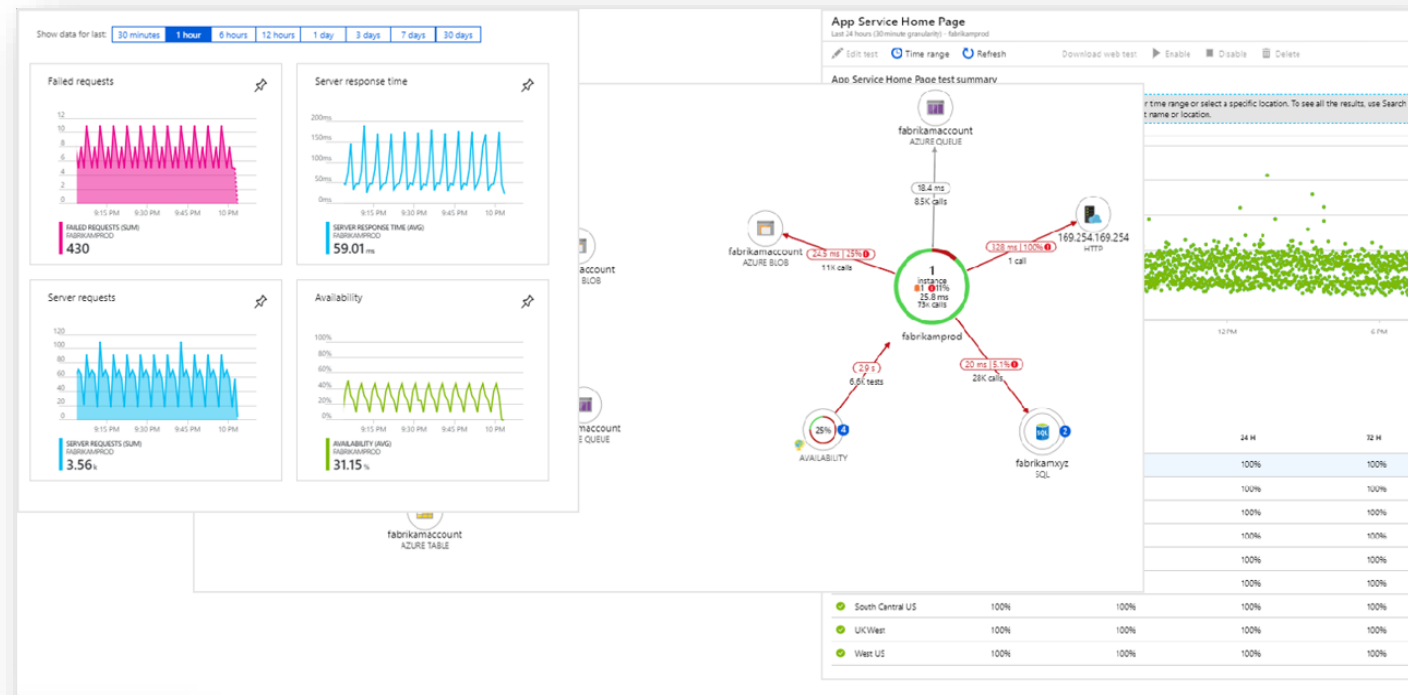


C.A.L.M.S

Medição

Telemetria

Monitoramento e melhorias



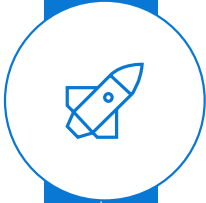
Bem Vindos ao Azure DevOps



- Investimento pesado e continuado no Azure DevOps
- Melhor solução de CI/CD em toda a indústria
- Melhor e mais amada solução para gerenciar equipes de desenvolvimento
- Forte integração com o GitHub
- Gerenciamento de pacotes escalonável corporativo



<https://azure.com/devops>



Entregue com o Azure DevOps



Azure Boards



Azure Repos



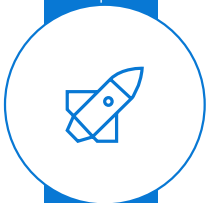
Azure Pipelines



Azure Artifacts



**Azure Test
Plans**



Entregue



Azure Boards



Azure Repos



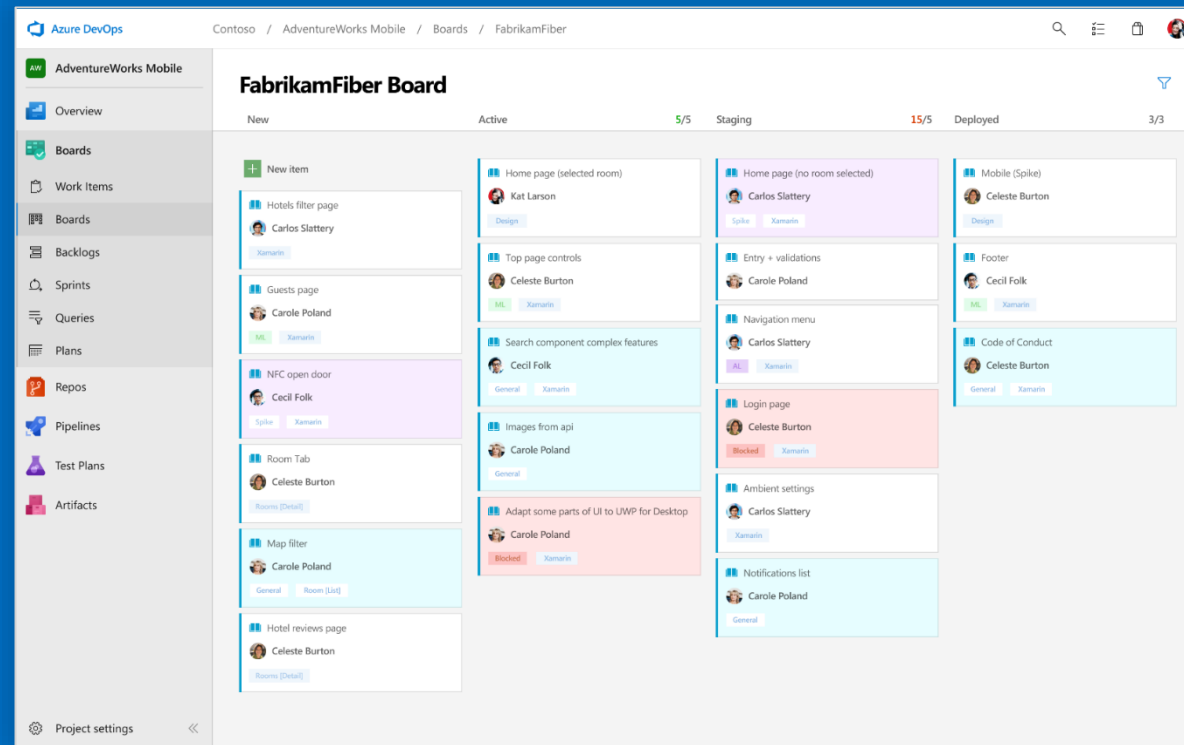
Azure Pipelines



Azure Artifacts



Azure Test Plans

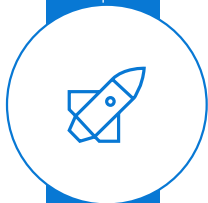


Conecte ideias aos seus releases

Scrum pronto para ajudar suas equipes á executar sprints, stand-ups e planejar o trabalho

Integrado com solicitações de confirmações e Pull do GitHub

Insights sobre o status e a integridade do projeto



Entregue



Azure Boards



Azure Repos



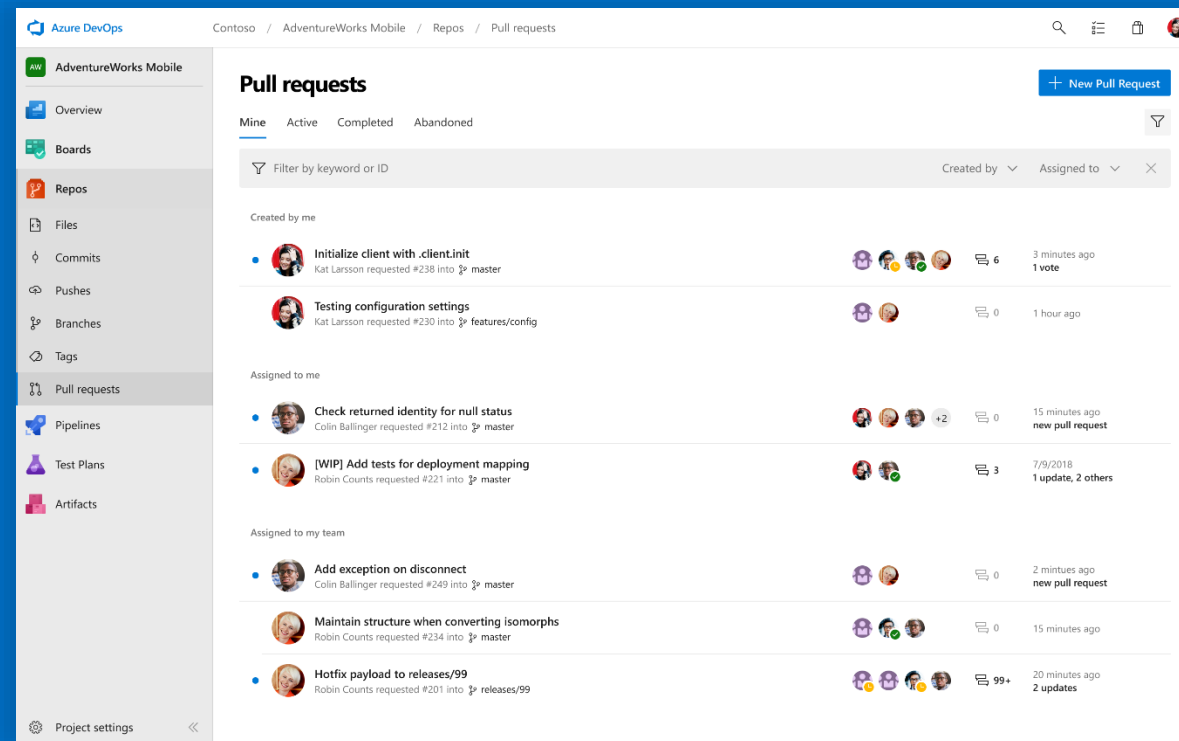
Azure Pipelines



Azure Artifacts



Azure Test Plans



Repositórios Git e TFVC privados para suas equipes

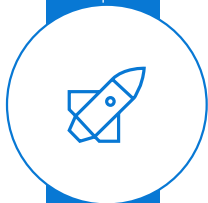
Revisão de código por meio de solicitações pull de ramificação

Diretivas de ramificação e validação de compilação

Caminho de migração fácil de/para o GitHub

Demo

Azure Repos



Entregue



Azure Boards



Azure Repos



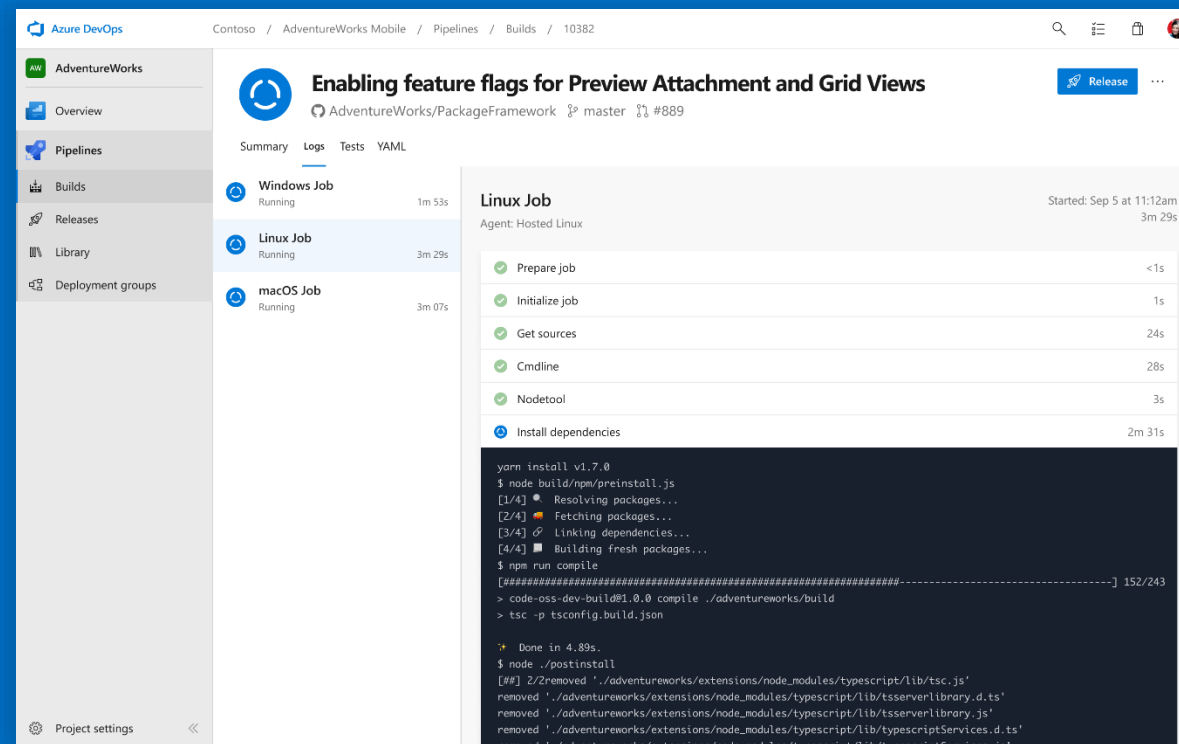
Azure Pipelines



Azure Artifacts



Azure Test Plans



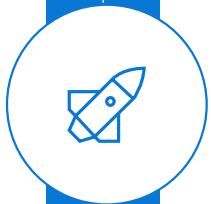
Pipelines hospedados na nuvem para Linux, macOS e Windows

Qualquer idioma, qualquer plataforma, qualquer nuvem

Suporte nativo para contêineres e kubernetes

Best-in-Class para código aberto





Entregue



Azure Boards



Azure Repos



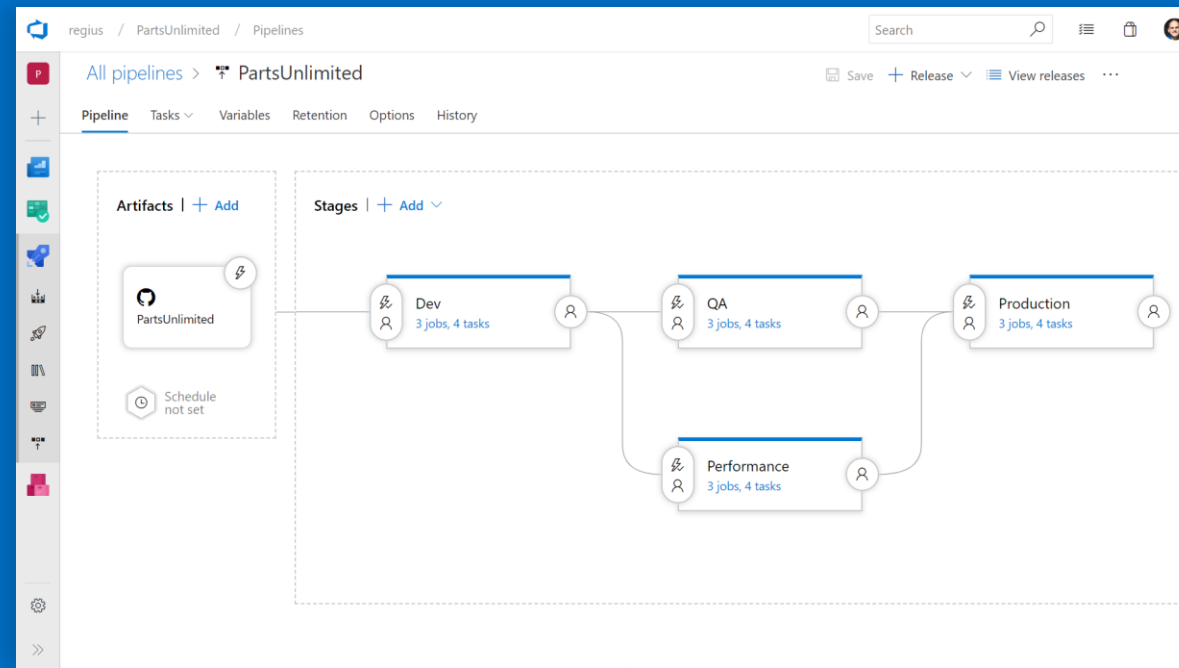
Azure Pipelines



Azure Artifacts



Azure Test Plans



Implante no local, em qualquer nuvem ou em um híbrido de nuvem e local

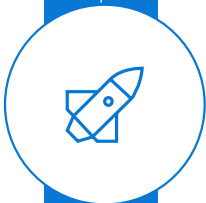
Lançamentos de ambiente em estágios

Pré e pós implantação aprovações com portões para automatizar a aprovação com base em condições



Demo

Azure Pipelines



Entregue



Azure Boards



Azure Repos



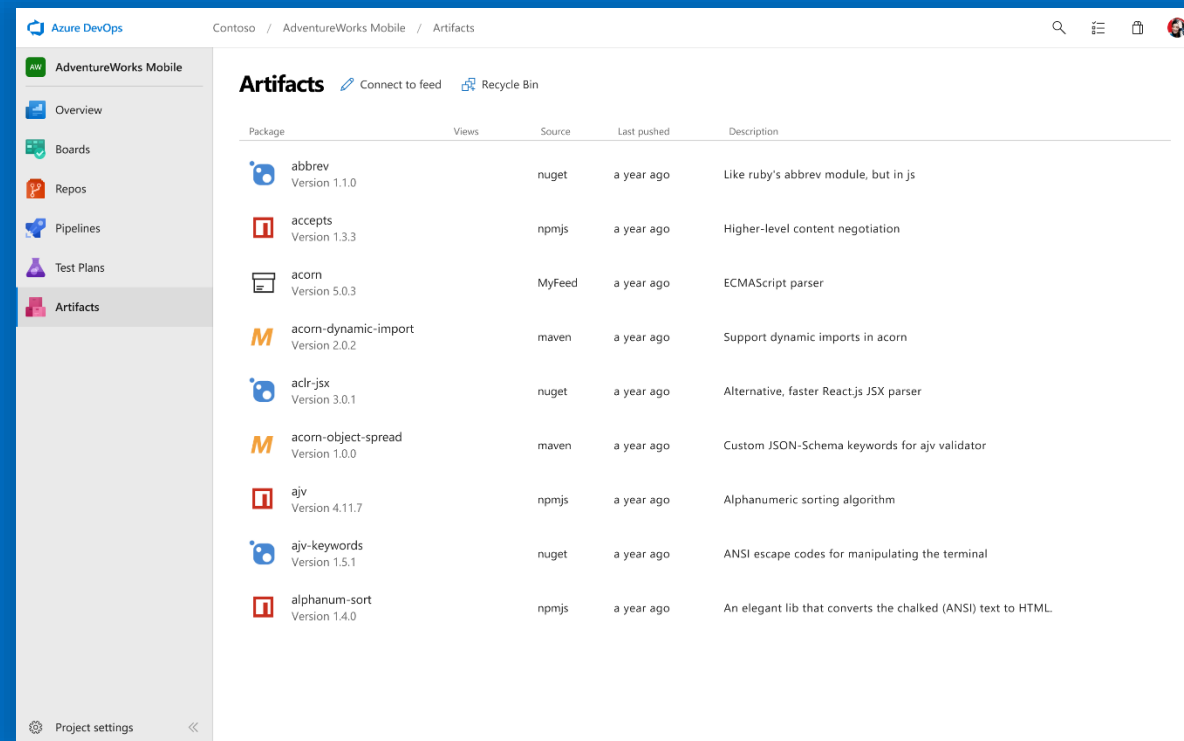
Azure Pipelines



Azure Artifacts



Azure Test Plans

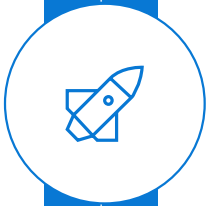


Compartilhe o código de forma eficiente

Mantenha seus pacotes Maven, NPM, NuGet e Python e muito mais no mesmo local

Agregado de registros públicos e equipes internas

Publique e acompanhe a partir de qualquer pipeline



Entregue



Azure Boards



Azure Repos



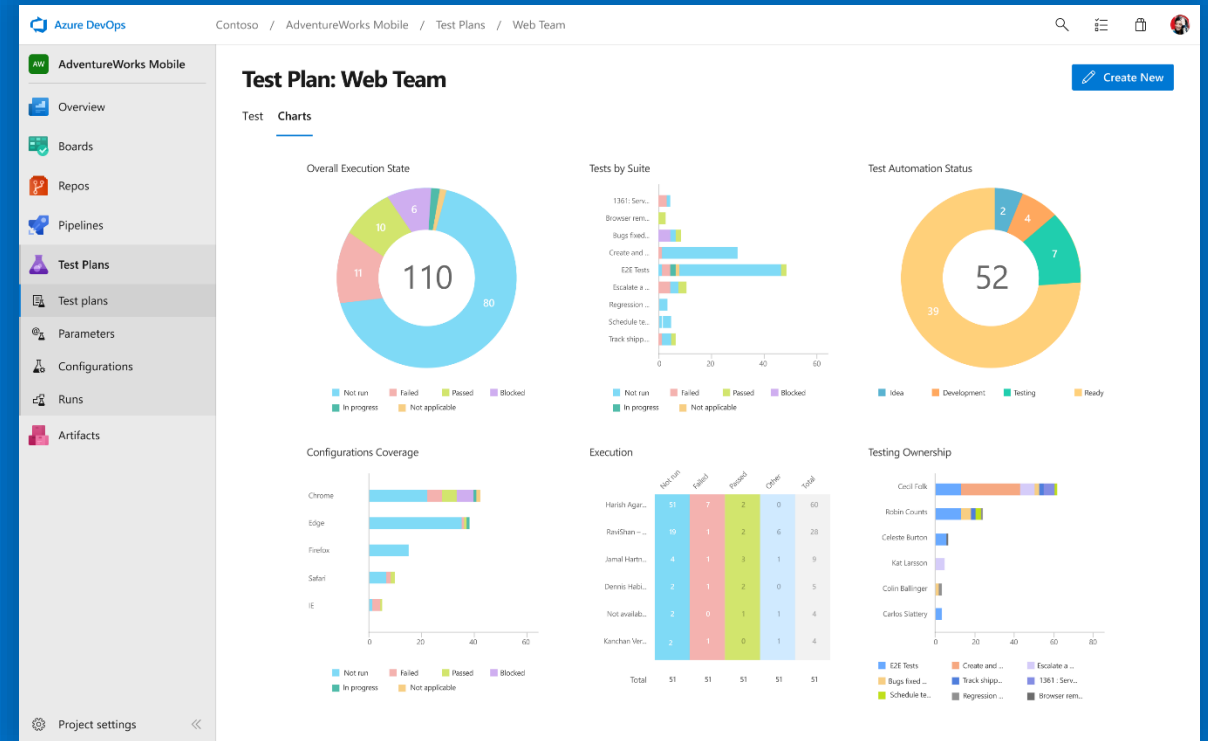
Azure Pipelines



Azure Artifacts



Azure Test Plans



Executar testes e registrar defeitos do seu navegador

Acompanhe e avalie a qualidade em todo o seu ciclo de vida

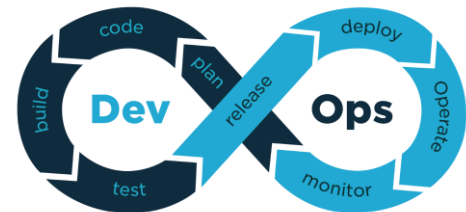
Capture dados ricos para reprodutibilidade

Criar testes diretamente de sessões exploratórias

Demo

Azure Test Plans

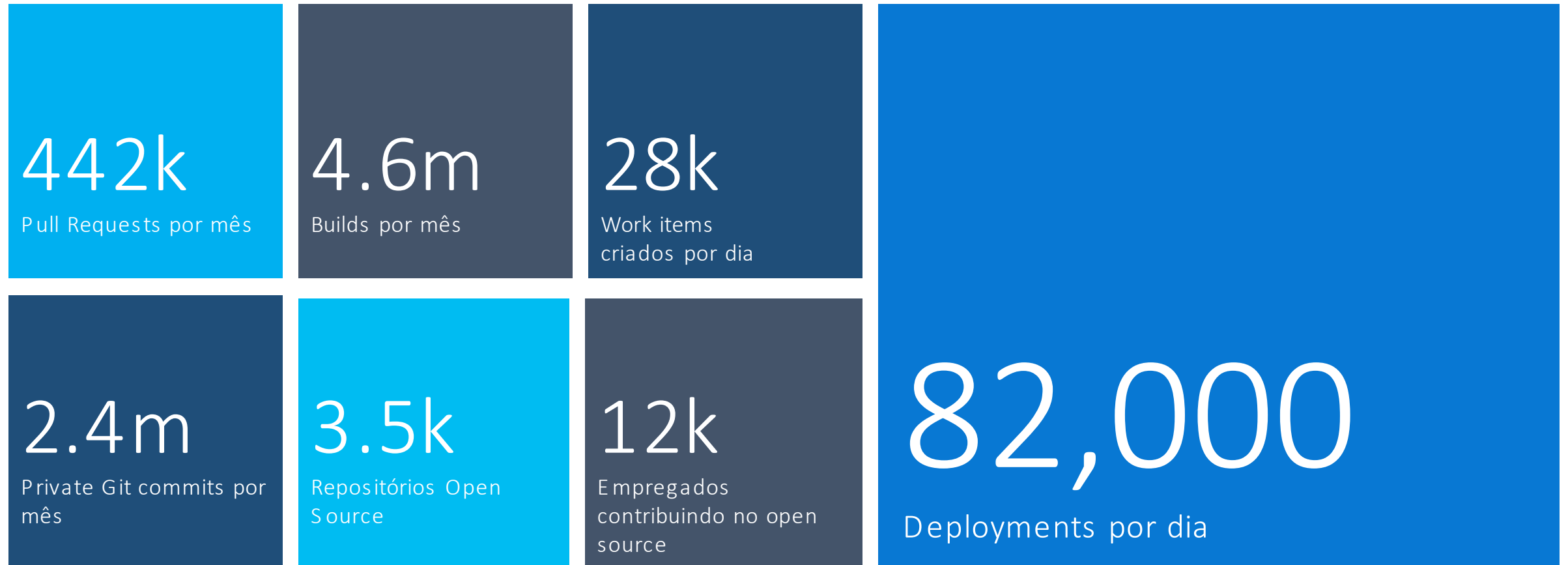
<https://keepcalms.azurewebsites.net/>



DevOps na Microsoft

O Azure DevOps é o conjunto de ferramentas de escolha para engenharia da Microsoft com mais de 100.000 usuários internos

 <https://aka.ms/DevOpsAtMicrosoft>



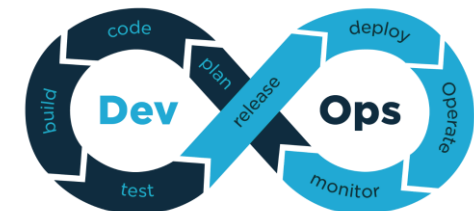


CLOUD NATIVE COMPUTING FOUNDATION



l.cncf.io

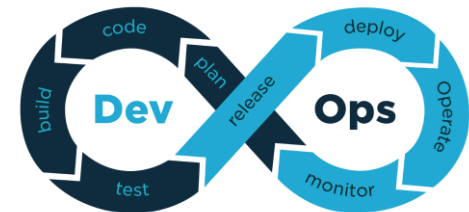
This landscape is intended as a map through the previously uncharted terrain of cloud native technologies. There are many routes to deploying a cloud native application, with CNCF Projects representing a particularly well-traveled path





XebiaLabs
Enterprise DevOps

Tabela Periódica DevOps



PERIODIC TABLE OF DEVOPS TOOLS (V3)

EMBED DOWNLOAD

1 Gl GitLab																													2 Sp Splunk						
3 Gh GitHub	4 Dt Datacal																													5 Xlr XebiaLabs XL Release	6 Aws AWS	7 Az Azure	8 Gc Google Cloud	9 Op OpenShift	10 Sl Sumo Logic
11 Sv Subversion	12 Db DBMaestro																													13 Dk Docker	14 Ur UrbanCode Release	15 Af Azure Functions	16 Ld Lambda	17 Ic IBM Cloud	18 Fd Fluentd
19 Cw ISPW	20 Dp Delphix	21 Jn Jenkins	22 Cs Codeship	23 Fn FitNesse	24 Ju JUnit	25 Ka Karma	26 Su SoapUI	27 Ch Chef	28 Tf Terraform	29 Xld XebiaLabs XL Deploy	30 Ud UrbanCode Deploy	31 Ku Kubernetes	32 Cc CA CD Director	33 Pr Plutora Release	34 Al Alibaba Cloud	35 Os OpenStack	36 Ps Prometheus																		
37 At Artifactory	38 Rg Redgate	39 Ba Bamboo	40 Vs VSTS	41 Se Selenium	42 Jm JMeter	43 Ja Jasmine	44 Sl Sauce Labs	45 An Ansible	46 Ru Rudder	47 Oc Octopus Deploy	48 Go GoCD	49 Ms Mesos	50 Gke GKE	51 Om OpenMakz	52 Cp AWS CodePipeline	53 Cy Cloud Foundry	54 It ITRS																		
55 Nx Nexus	56 Fw Flyway	57 Tr Travis CI	58 Tc TeamCity	59 Ga Gatling	60 Tn TestNG	61 Tt Tricentis Tosca	62 Pe Perfecto	63 Pu Puppet	64 Pa Packer	65 Cd AWS CodeDeploy	66 Ec ElectricCloud	67 Ra Rancher	68 Aks AKS	69 Rk Rkt	70 Sp Spinnaker	71 Ir Iron.io	72 Mg Moogsoft																		
73 Bb BitBucket	74 Pf Perforce HelixCore	75 Cr Circle CI	76 Cb AWS CodeBuild	77 Cu Cucumber	78 Mc Mocha	79 Lo Locust.io	80 Mf Micro Focus UFT	81 Sl Salt	82 Ce CFEngine	83 Eb ElasticBox	84 Ca CA Automic	85 De Docker Enterprise	86 Ae AWS ECS	87 Cf Codefresh	88 Hm Helm	89 Aw Apache OpenWhisk	90 Ls Logstash																		

Legend for tool categories and business models:

- Business Models:**
 - Os: Open Source
 - Fr: Free
 - Fm: Freemium
 - Pd: Paid
 - En: Enterprise
- Functional Categories:**
 - Source Control Mgmt.
 - Database Automation
 - Continuous Integration
 - Testing
 - Configuration
 - Deployment
 - Containers
 - Release Orchestration
 - Cloud
 - AI/Ops
 - Analytics
 - Monitoring
 - Security
 - Collaboration



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Publication Guidelines

Download

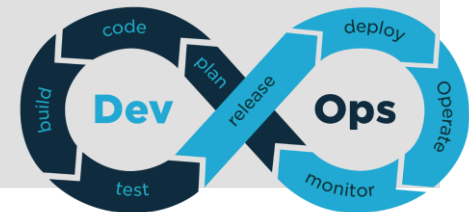
91 Xli XebiaLabs XL Impact	92 Ki Kibana	93 Nr New Relic	94 Dt Dynatrace	95 Dd Datadog	96 Ad AppDynamics	97 EI ElasticSearch	98 Ni Nagios	99 Zb Zabbix	100 Zn Zenoss	101 Cx Checkmarx SAST	102 Sg Signal Sciences	103 Bd BlackDuck	104 Sr SonarQube	105 Hv HashiCorp Vault
106 Sw ServiceNow	107 Jr Jira	108 Tl Trello	109 Sl Slack	110 St Stride	111 Cn CollabNet VersionOne	112 Ry Remedy	113 Ac Agile Central	114 Og OpsGenie	115 Pd Pagerduty	116 Sn Snort	117 Tw Tripwire	118 Ck CyberArk Conjur	119 Vc Veracode	120 Fd F5



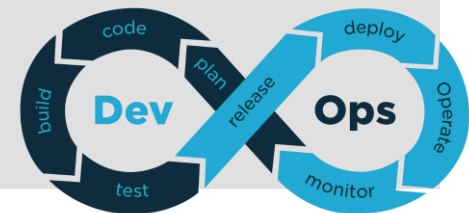
*Frases no mundo
DevOps para
reflexão!*



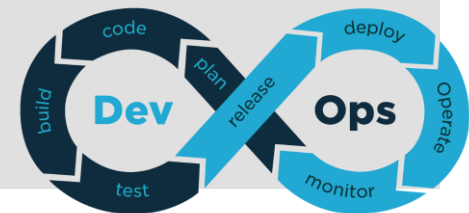
*Automatizar é só
criar uns scripts ai!*



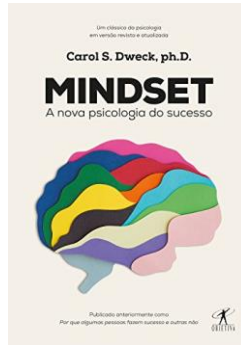
*O Meu container é
totalmente
performático,
precisa só de 8GB
de RAM!*



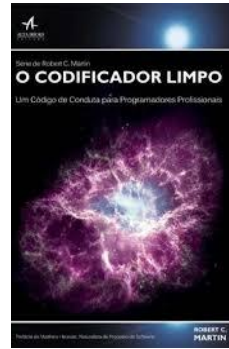
*Eu não concordo
com essa história
de DevOps não,
tem que ser
DevSecNetQaOps!*



Literatura sugerida



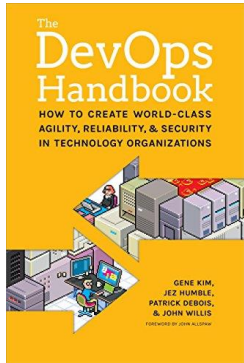
<https://amzn.to/2MoVbQH>



<https://amzn.to/2SPPPiC>



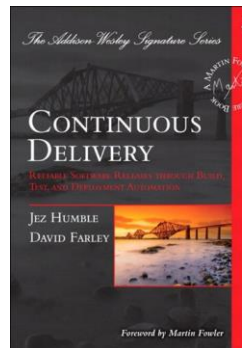
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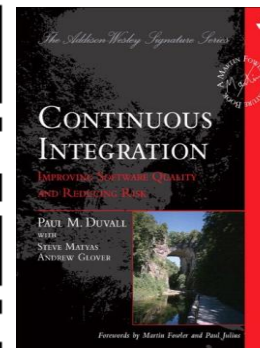
<https://amzn.to/2YwGAFr>



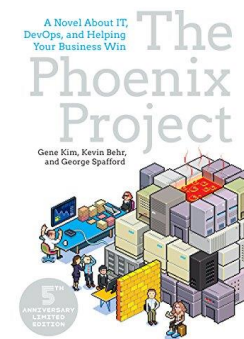
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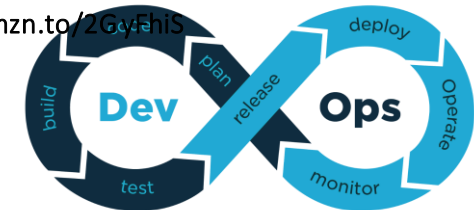
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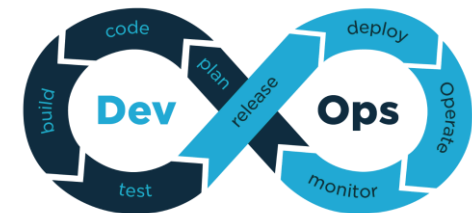
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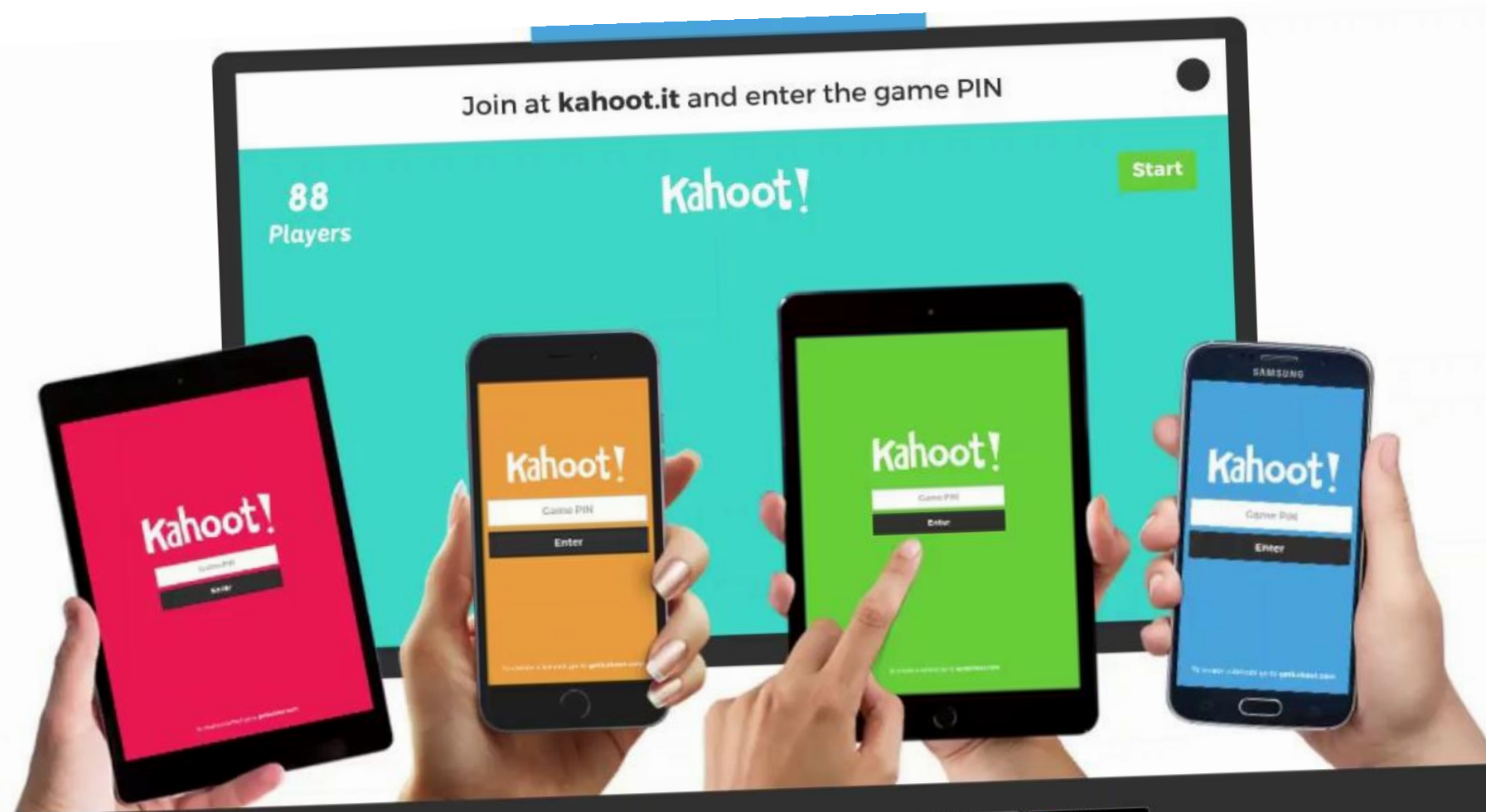


<https://amzn.to/2Gy4hIS>



Perguntas ???





Play with the new Kahoot! app



Are you a student?



8



Skip

0
Answers

Yes, I am not

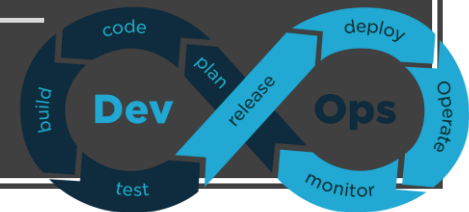
No, I am not

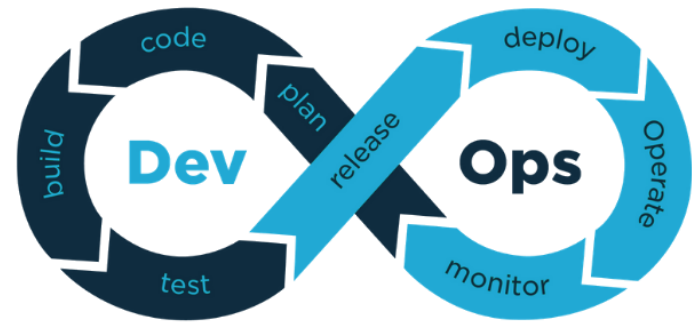
No, you aren't

Yes, you are



Agradecimientos





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