

Azure DevOps voor het automatiseren van dagelijks beheer

Barbara Forbes

Consultant, MCT @  SCCT

4bes.nl | @Ba4bes



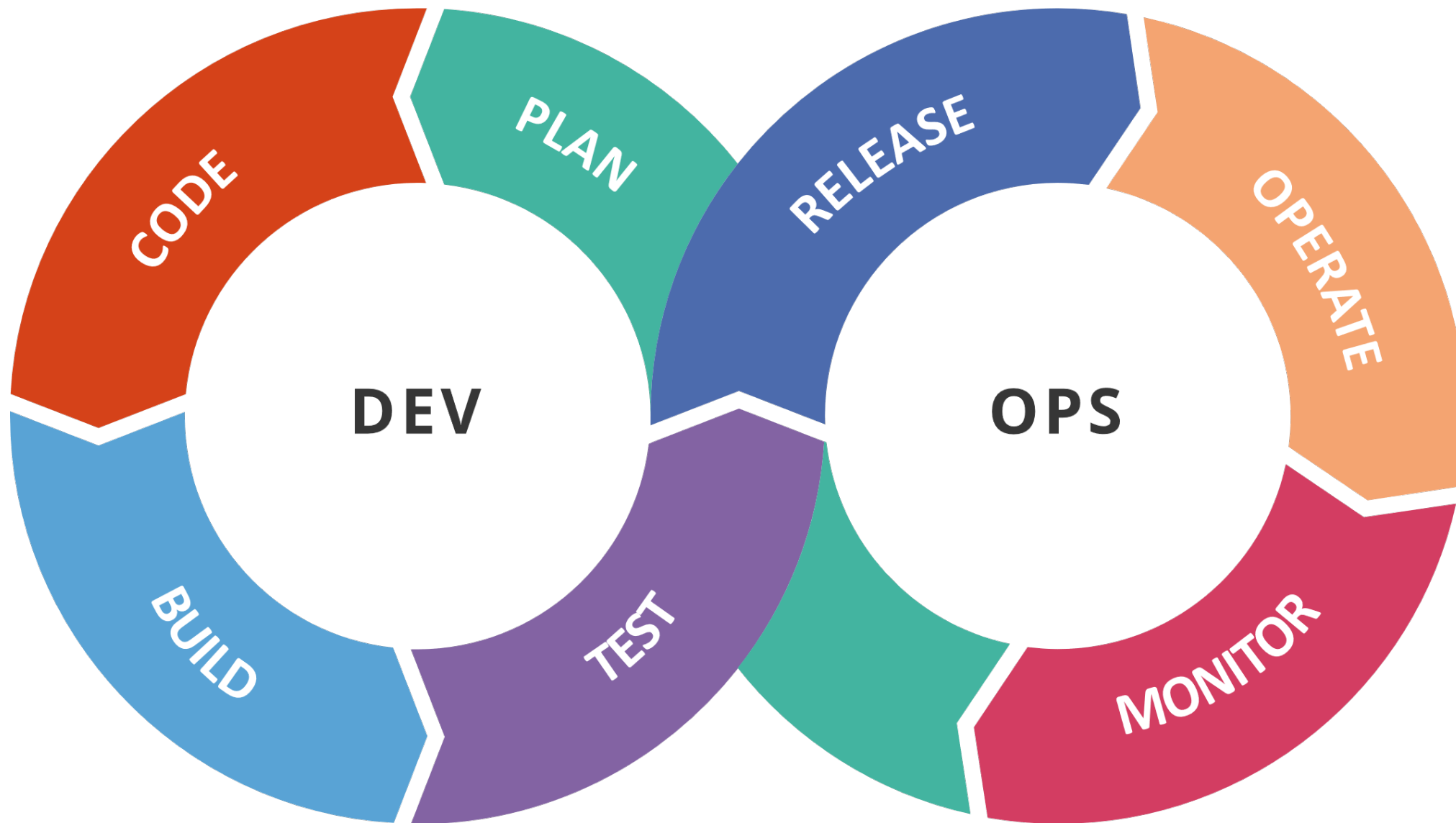
Wat is DevOps?



Definition [\[edit \]](#)

Academics and practitioners have not developed a unique definition for the term "DevOps."[\[a\]](#)[\[b\]](#)[\[c\]](#)[\[d\]](#)


DevOps is de samenstelling van mensen, processen en technologie om doorlopend waarde aan klanten te bieden.


- Donovan Brown





 **Project** 


 Overview


 **Summary**

 Dashboards

 Wiki

 Boards

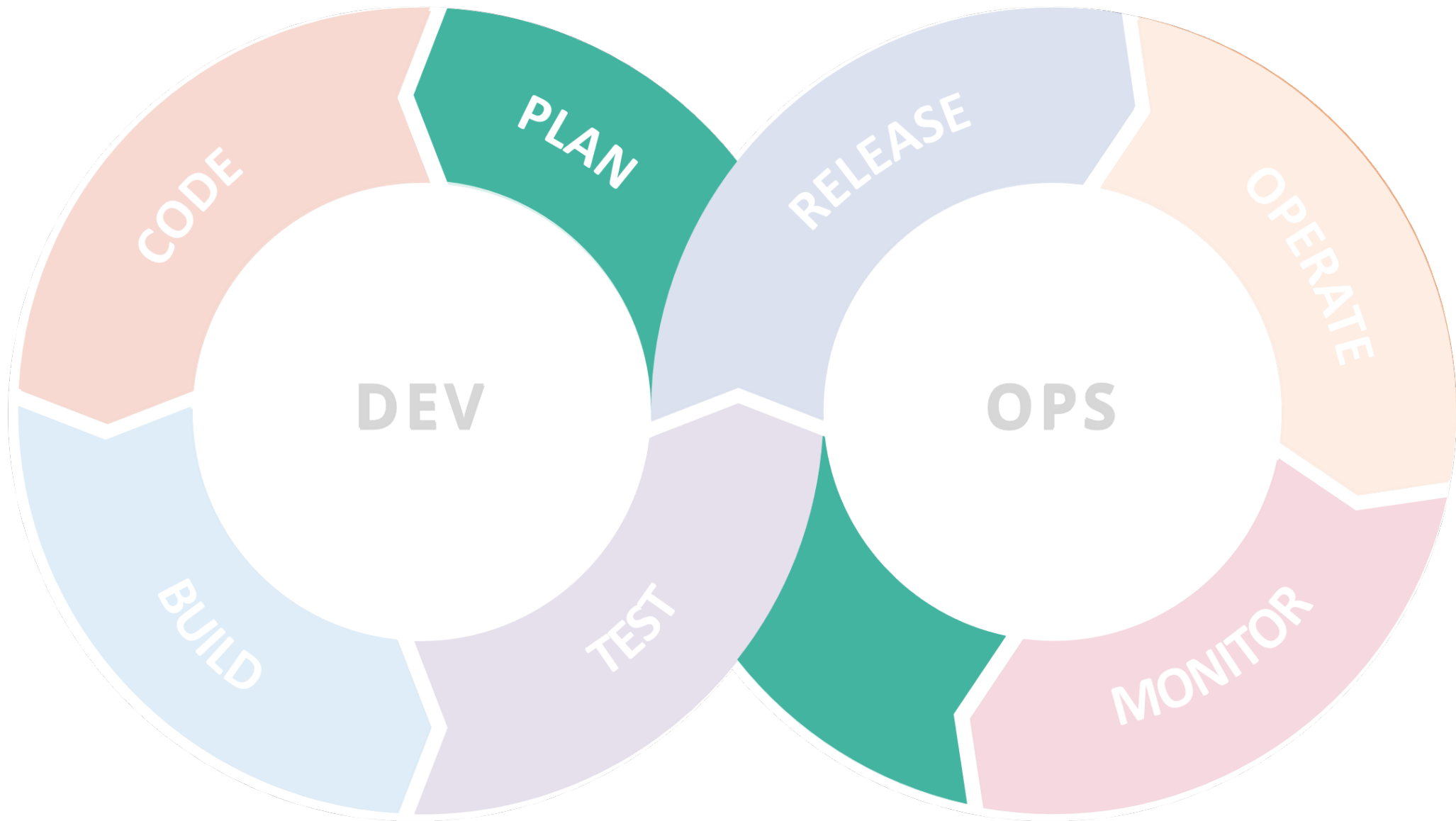
 Repos

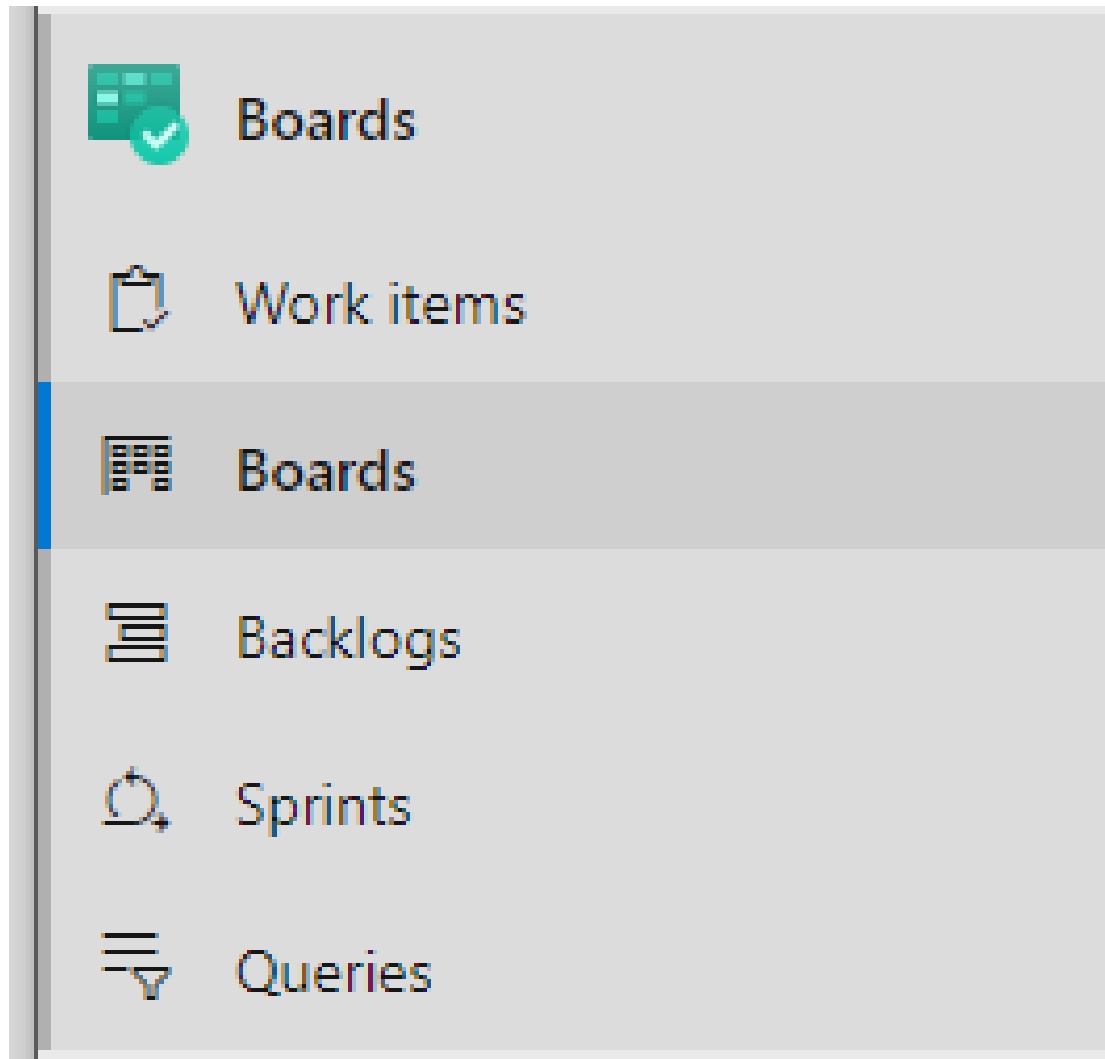
 Pipelines

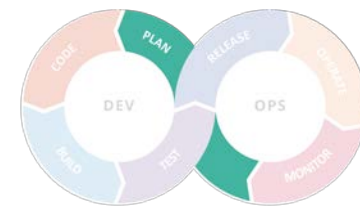
 **Project**



Demo: Maak een eigen organisatie







Board

Analytics

View as Backlog

Issues



To Do



Doing

1/5

Done



+ New item



258 We should do this task

State ● To Do

259 We are doing this task

State ● Doing

260 We are done with this task

State ● Done

B

Boards Team ▼ ★ 👤

+

Board Analytics | 👉 View as Backlog

Stories ▼ ⚙️ 🔍 ⚙️ ↗️

🔍 Filter by keyword

Types ▼ Assigned to ▼ Tags: **4bes.nl (+10)** ▼ Iteration ▼ Area ▼ Parent Work Item ▼ ✕

New

<

On Hold

4/10

Active

10/10

Resolved

6

Closed

+ New item 🔍

269 PSCoffee - Create PowerPoint

State ● New

MSignite **PSCoffee** **Talks**

274 AAAT - Create Powerpoint

State ● New

AaaT **MSignite** **Talks**

270 PSCoffee - Demos

State ● New

MSignite **PSCoffee** **Talks**

227 MSignite: Practical stuff

State ● Active

AaaT **MSignite**
PSCoffee **Talks**

📁 2/4

246 Give the talk

State ● Active

AzDoITPro **Talks**
WinOps

263 ArmHelper Deploy new Release

State ● Active

ARMHelper

196 BlogPost: Update modules in Azure Automation

State ● Active

4bes.nl **QuickFix**

105 Azure DevOps for the IT pro: practice

State ● Resolved

AzDoITPro **Talks**
WinOps

📁 5/5

253 Flight US

State ● Resolved

MSignite

📁 1/1

261 Get-ARMDeploymentErrorMessage

204 Example Azure DevOps Work PlanBoard

State ● Closed

AzDoITPro **Talks**
WinOps

197 blog post: presenting winops

State ● Closed

4bes.nl **WinOps**

99 Azure DevOps for the IT pro: Powerpoint

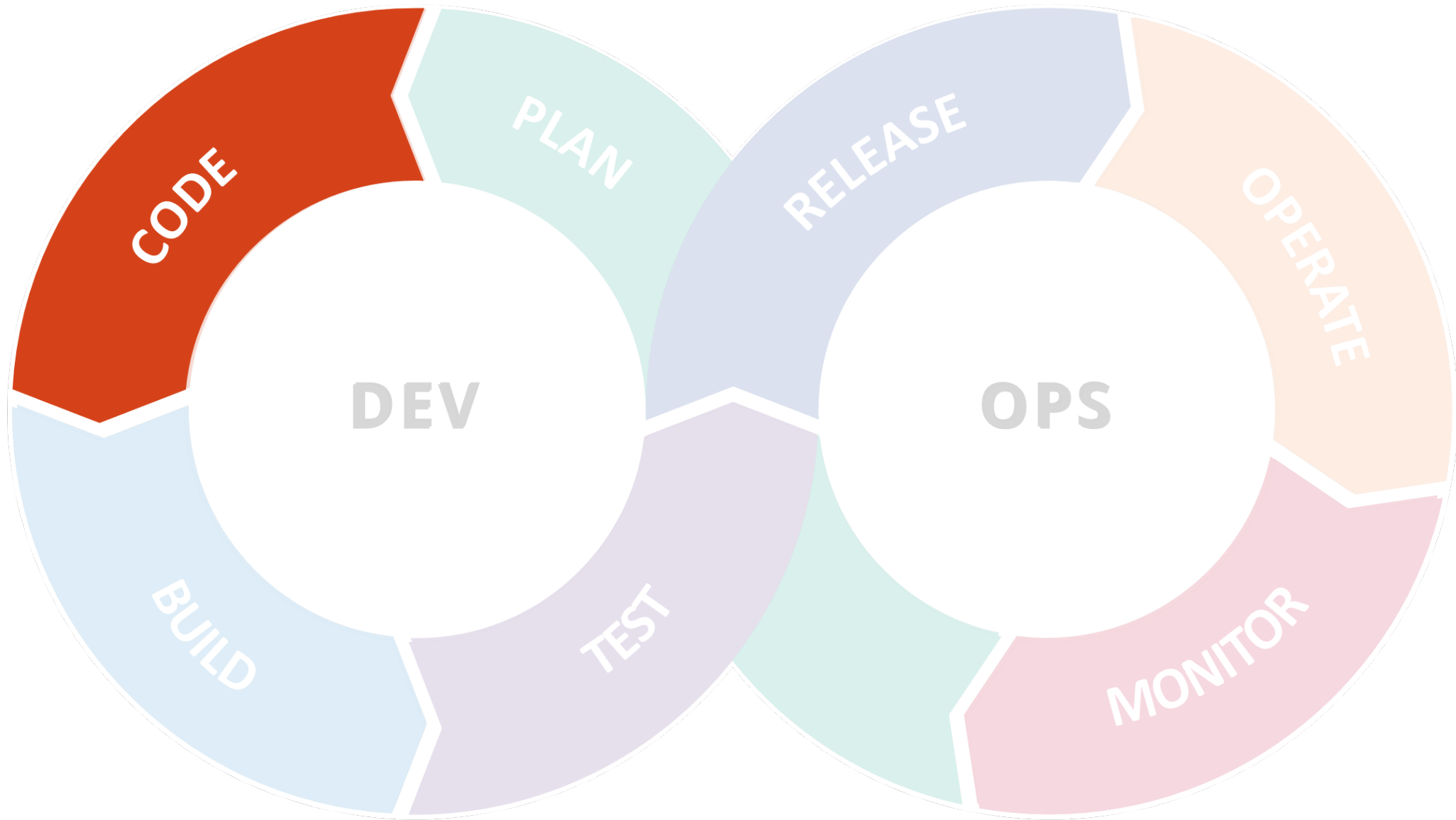
State ● Closed

AzDoITPro **Talks**

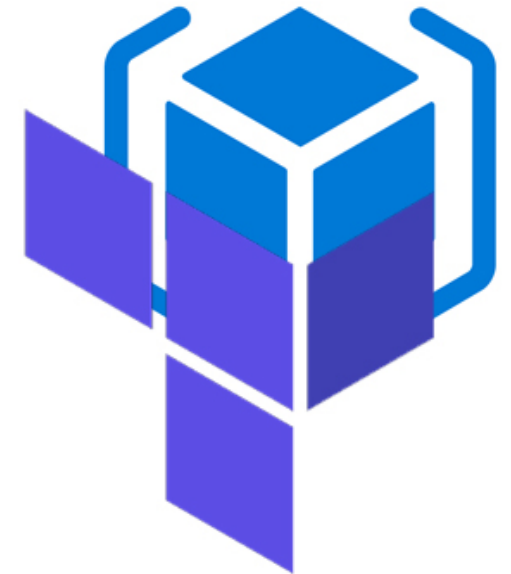
Starten met Boards



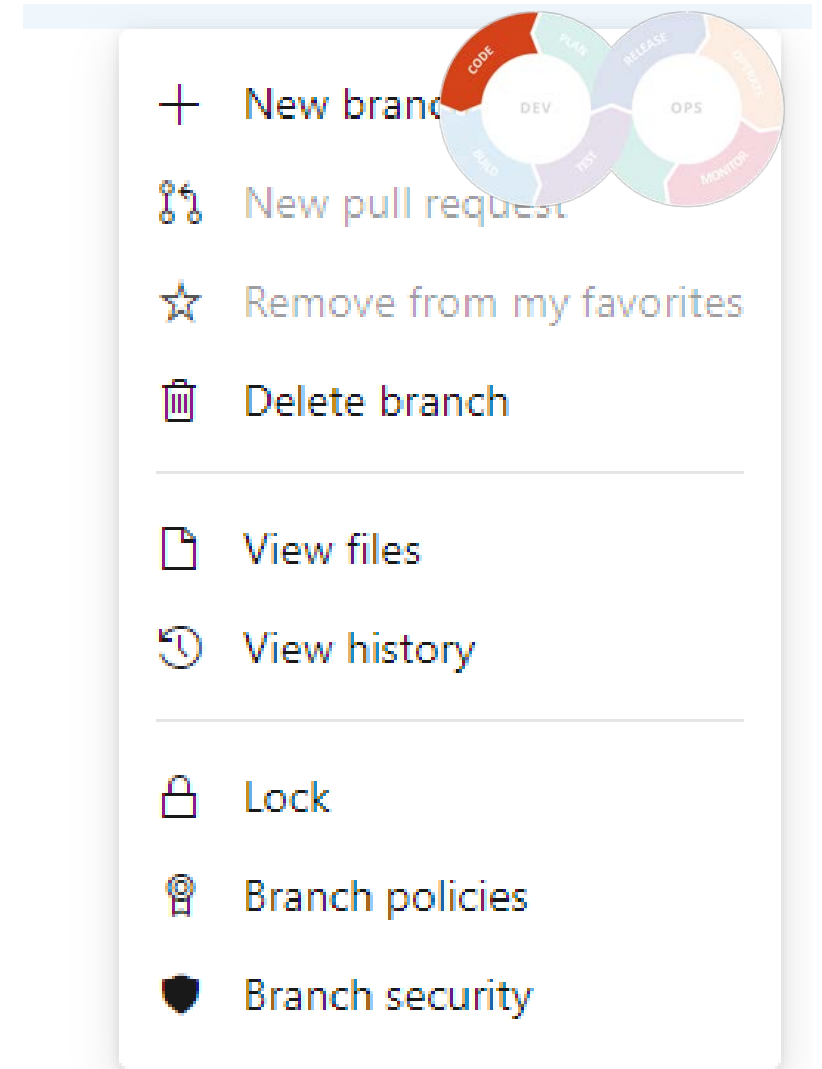
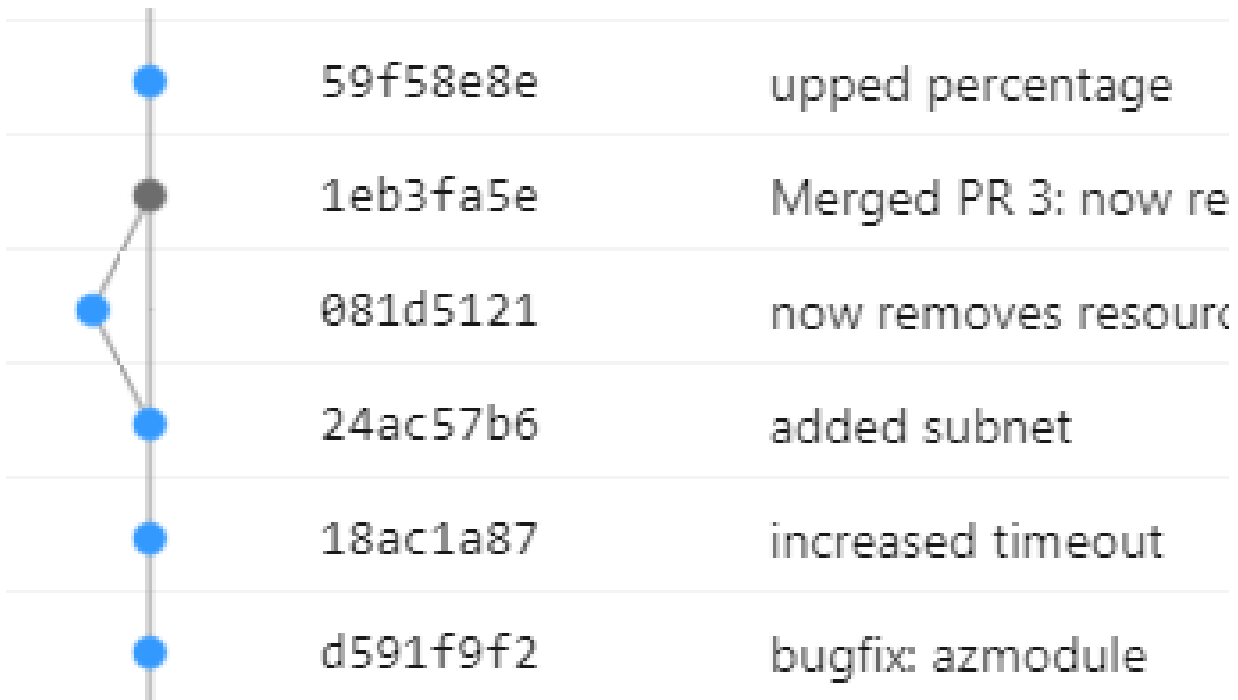
- Begin simpel
- Wees flexibel
- Maak een persoonlijke board



Git voor systeembeheerders



Kwaliteit van Code



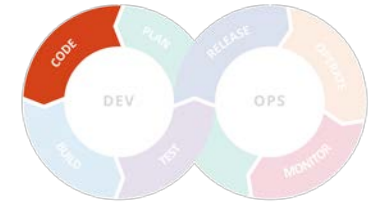
A Git interface menu with a CI/CD pipeline diagram in the background. The pipeline diagram shows a cycle of stages: CODE, PLAN, RELEASE, OPERATE, MONITOR, TEST, and BUILD. The menu items are:

- + New branch
- New pull request
- ☆ Remove from my favorites
- 🗑 Delete branch

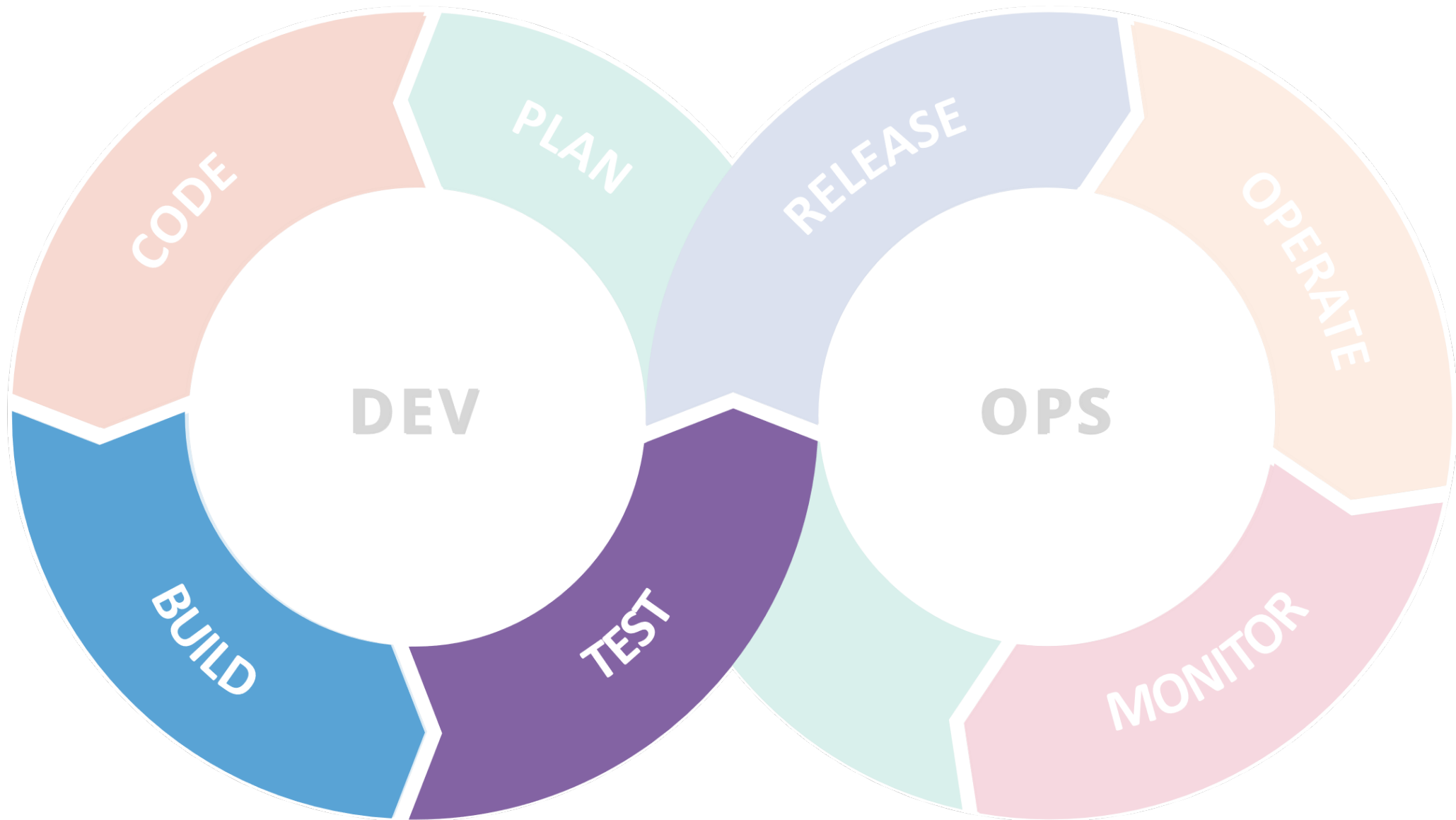
- 📁 View files
- 🕒 View history

- 🔒 Lock
- 👤 Branch policies
- 🛡 Branch security

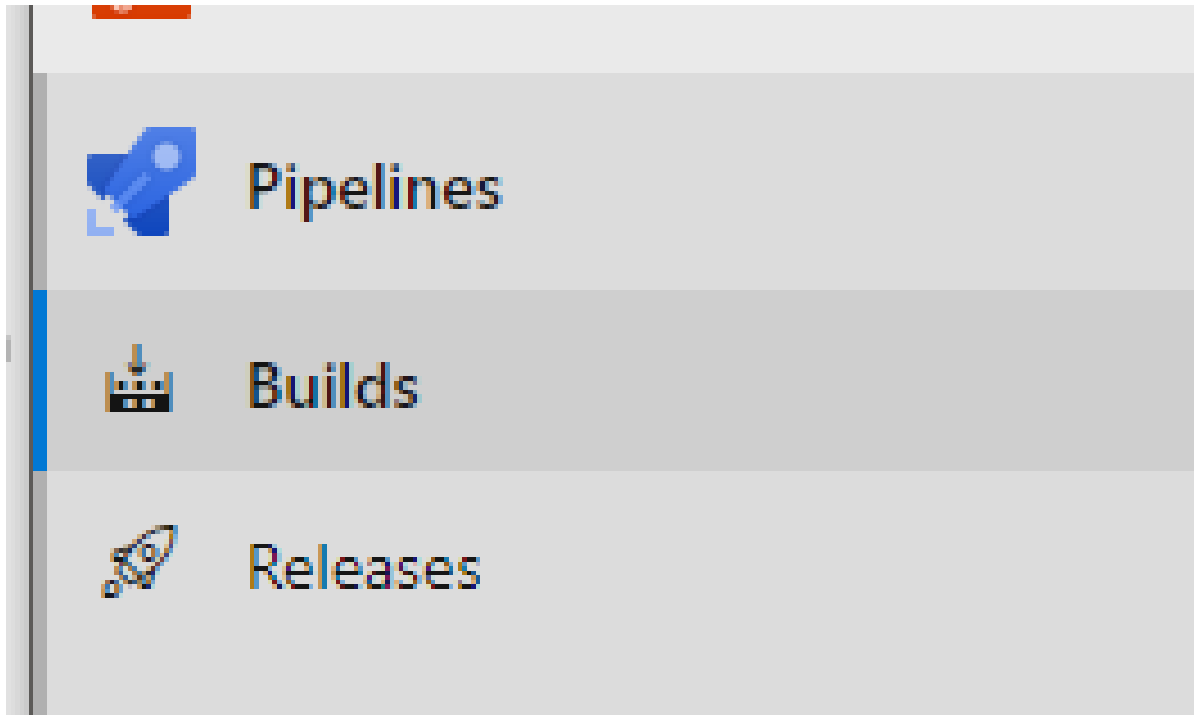
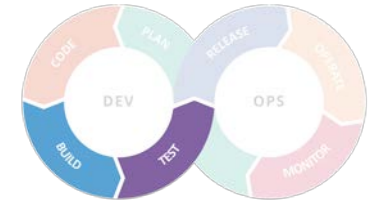
Starten met Repo's







- Neem de tijd en geef de tijd voor GIT
- Pas policies aan aan de workflow



Build

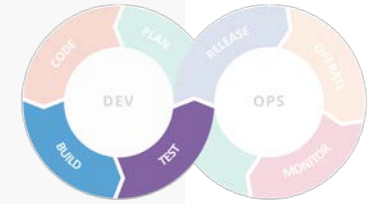


-  **Bash**
Run a Bash script on macOS, Linux, or Windows
-  **Batch script**
Run a Windows command or batch script and optionally allow it to change the environment
-  **Cache (Beta)**
Cache files between runs
-  **Command line**

#Development fix typo

on Development

Summary Tests

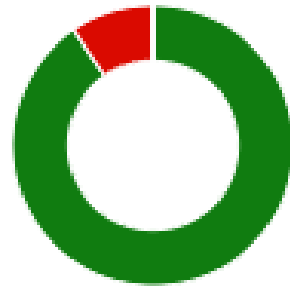


Summary

4 Run(s) Completed (3 Passed, 1 Failed) [19 unique failing tests in the last 14 days](#)

166

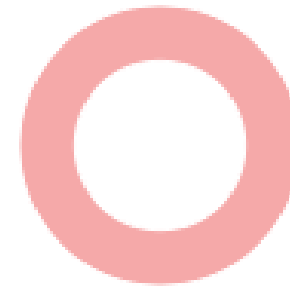
Total tests



150 Passed

16 Failed

0 Others



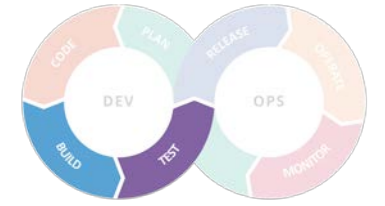
16 Failed tests

0 New

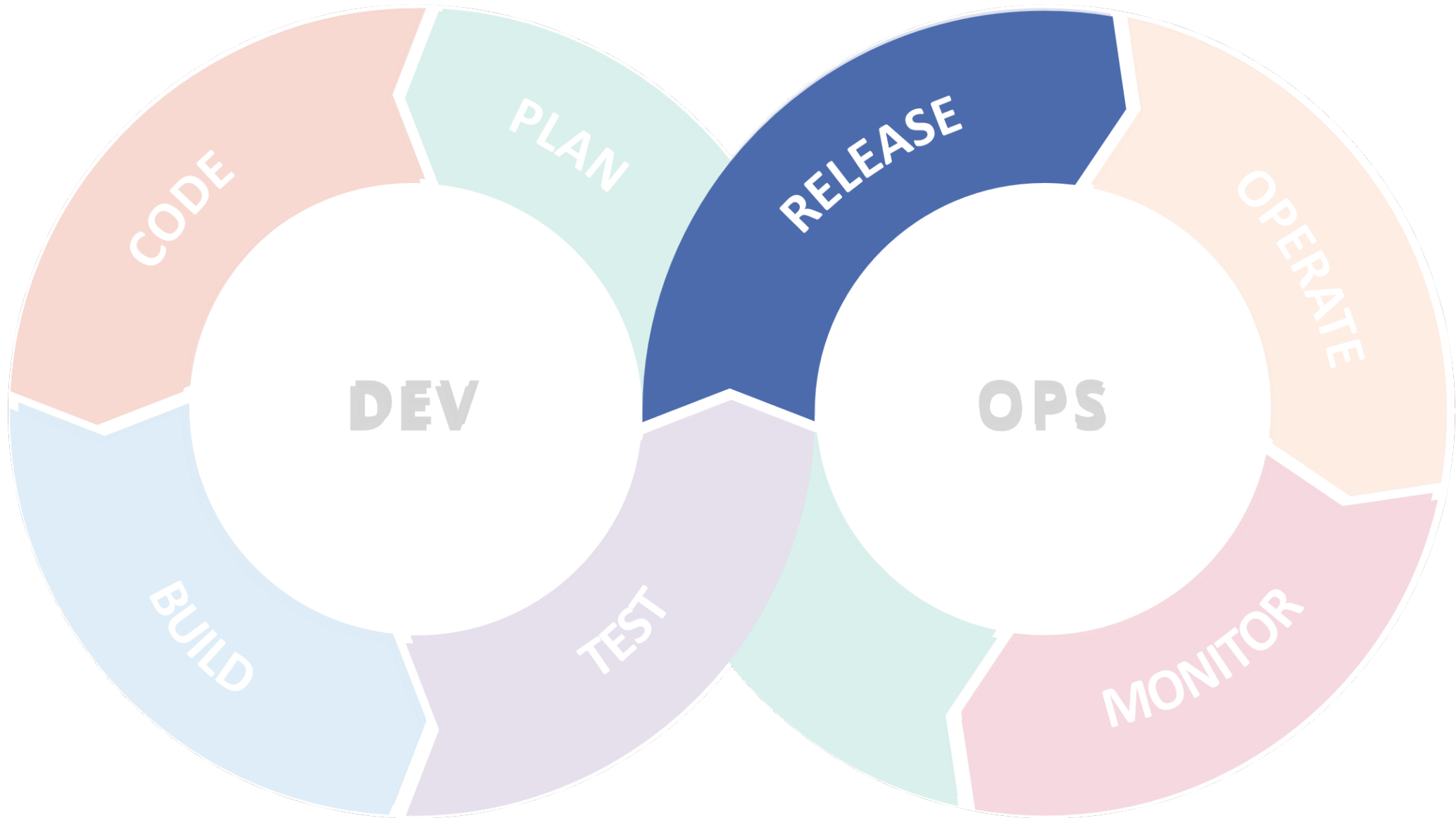
16 Existing

Bug Link

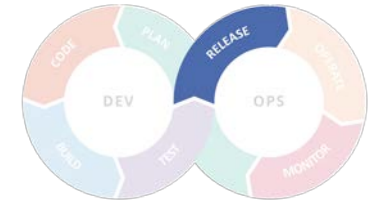
Starten met Build & Test:



- Investeer
- Begin met de classic editor
- Gebruik de standaard tasks



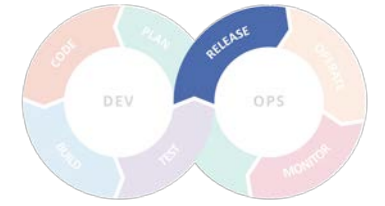
PowerShell naar on-premises



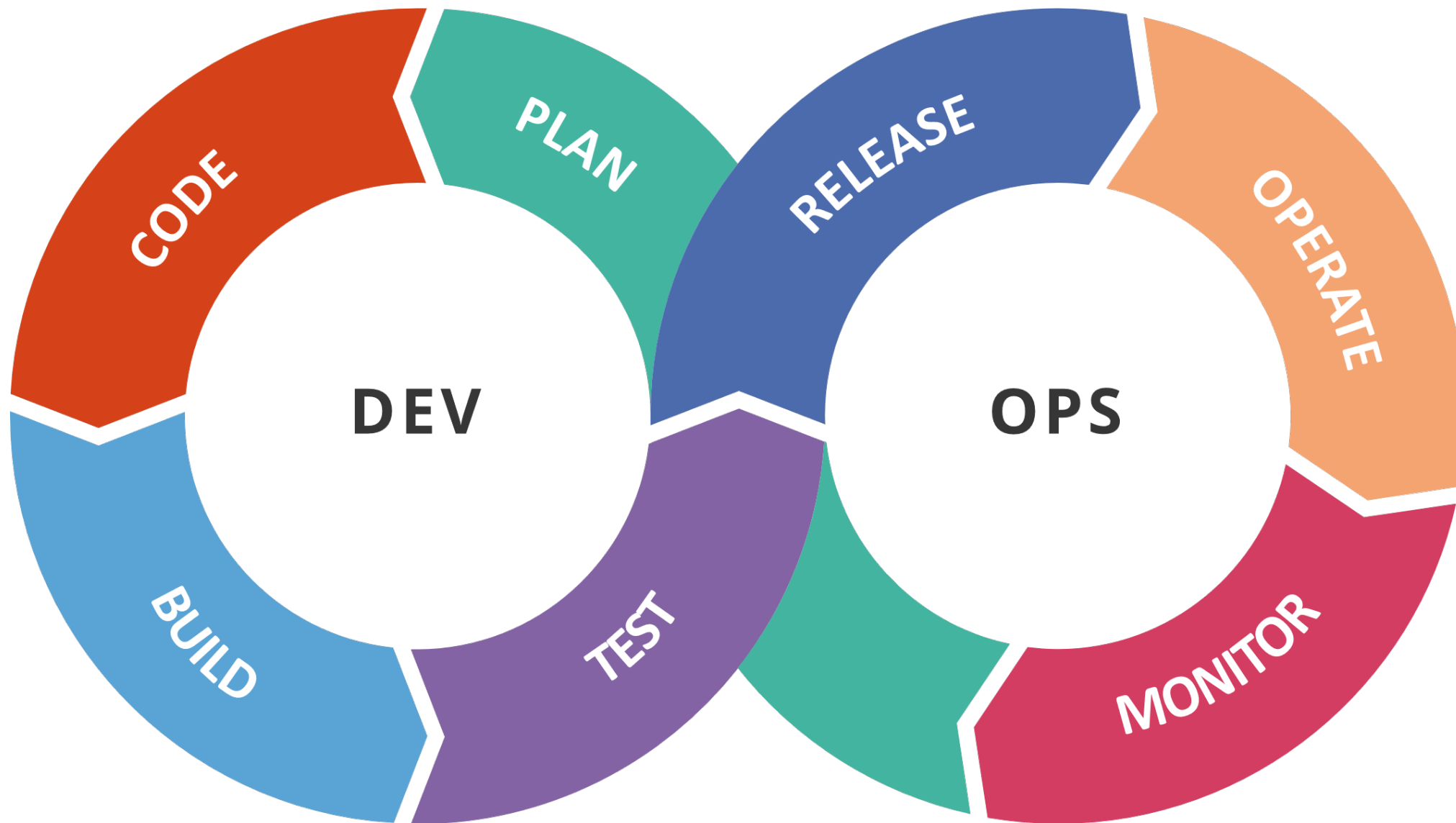
- ✓ Invoke Pester
- ✓ Copy Files to Script01
- ✓ Post-job: Checkout
- ✓ Finalize Job
- ✓ Report build status

Demo: Deploy resources naar Azure

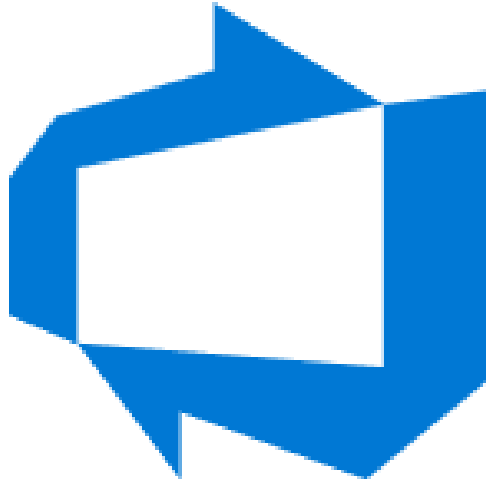
Starten met Release



- Maak gebruik van de visual editor
- Probeer daarin dingen uit om te zien hoe het werkt en wat er werkt



Starten met Azure DevOps



- Betrek het team
- Test en pas aan
- Make Azure DevOps work for you

- dev.azure.com
- Microsoft Docs
- 4bes.nl



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