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How to deploy your Power Platform solution company-wide

Azure DevOps can help with CI/CD

15/10/2022

#CollabDaysBE

CollabDays Belgium 2022 by BIWUG



Thanks to our

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Platinum



acolad.
DIGITAL

 AvePoint

inetum.
realdolmen
Positive digital flow

Gold

 **ORDINA**

 **paintfire**
Multilingual SharePoint

 SysKit

Quest

 **spikes**

 **The Flow**

Xylos

Silver

advantive
innovative people valuable solutions

CTG

 **Docubird**

 **European**
SharePoint
Office 365 & Azure
Conference

SharePint

ShareGate:
by GSoft

Community



Organized by

BIVVUG



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Microsoft Certified

Power platform addict

DevOps Enthusiast

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Let's start with the why

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You have build an app for your team

- Team A, team B and team C want to use the app as well
- Do they have different data? How do you connect your app to their data?
- What if you add a new feature to your app? How do you push it to the other teams?



You are building a business critical application

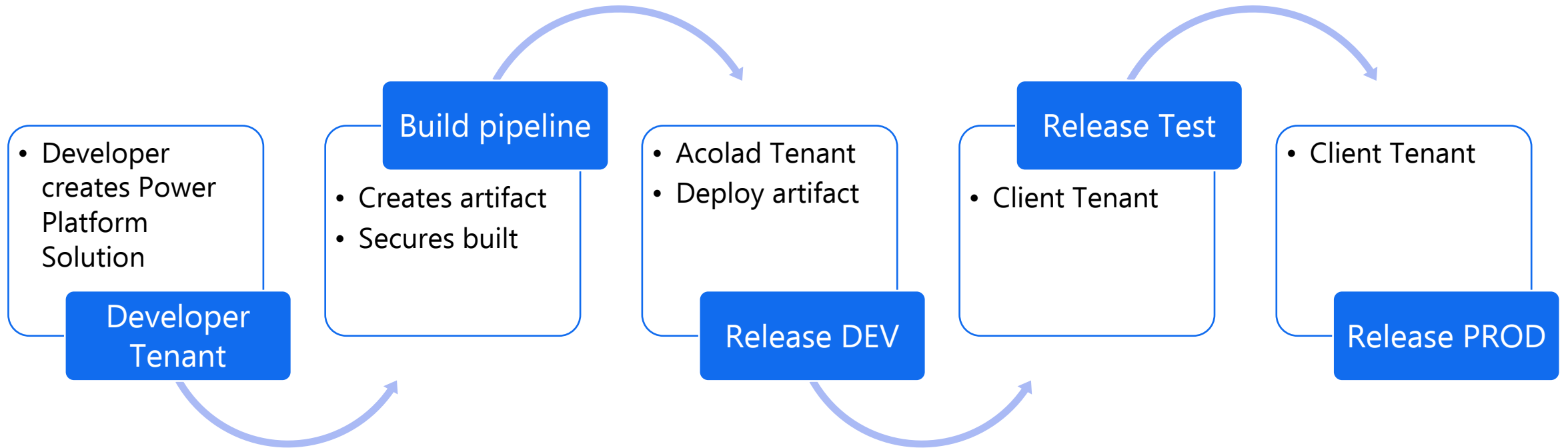
- Do you first want to test the app?
- Do you want to continuously develop while testing?
- Do you develop in sprints, for example every 2 weeks?



Simple Release Pipeline



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Traceability of the changes
Secure with approval processes between stages

Demo



Pipeline
Build pipeline

ePost master

- Run on agent

Power Platform Tool Installer

Power Platform Export Solution

Publish build artifacts

Output Variables



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Power Platform Import Solution

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ut R

```
$(System.DefaultWorkingDirectory)/[REDACTED] Export Solution/drop/[REDACTED].zip
```

..



C

Se

```
$(System.DefaultWorkingDirectory)/Deploy-Solution/SearchAppSettings/deploymentSettingsSearch-TST.json
```

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Cait60oticriak

Complex Release Pipeline



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The Problem

140 departments = 140 datasources in 1 app

- MS advice: don't add more than 30 connections in one app
- Inserting datasources becomes slow
- App loading takes a very long time
- Editing the app becomes impossible

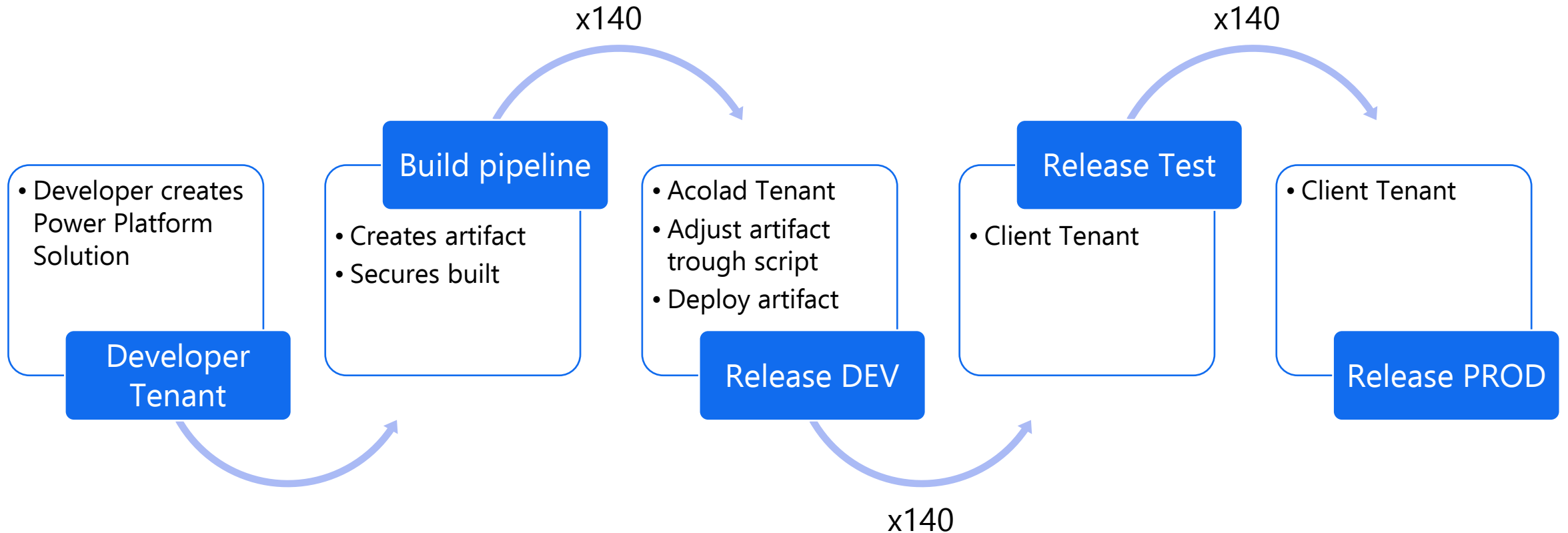


The Solution

140 applications = 1 master app, 1 datasource/app

- Deploy 140 solutions from 1 solution file
- Change the datasource of the solution on deploy

a.



Traceability of the changes
Secure with approval processes between stages

Demo



Agenda:

- VR training

- Client development

Marketing research

Deployment process



- Run on agent



 Start-flows
PowerShell

D09 TEST

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Limits are there for a reason!



Start DevOps as fast as possible



Use the tools Power Platform offers



Scripts separate from pipelines

We deploy 10x faster

Instant feedback if something goes wrong

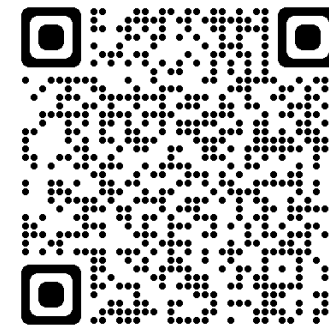


Q&A

COMMUNITY

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