Crash course in Power Platform pipelines

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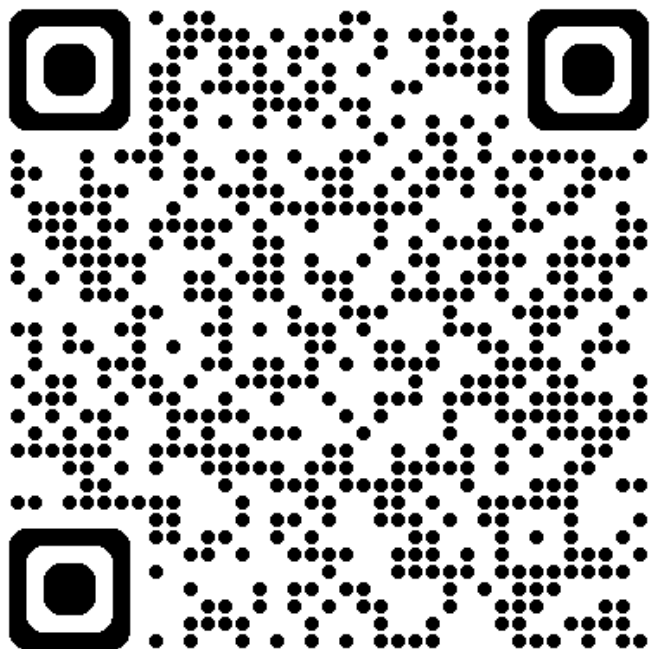codec

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EPISODE 42, OCTOBER 2ND, 2024

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NORDIC SUMMIT RECAP, SEPTEMBER 28TH, 2024

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Agenda

- What are Power Platform Pipelines

- Requirements

- Setting up your pipeline

- Running pipelines

- Lessons learned and gotchas

What are Power Platform pipelines?

From MS Learn:

Pipelines in Power Platform aim to democratize application lifecycle management (ALM) for Power Platform and Dynamics 365 customers by bringing ALM automation and continuous integration and continuous delivery (CI/CD) capabilities into the service in a manner that's more approachable for all makers, admins, and developers
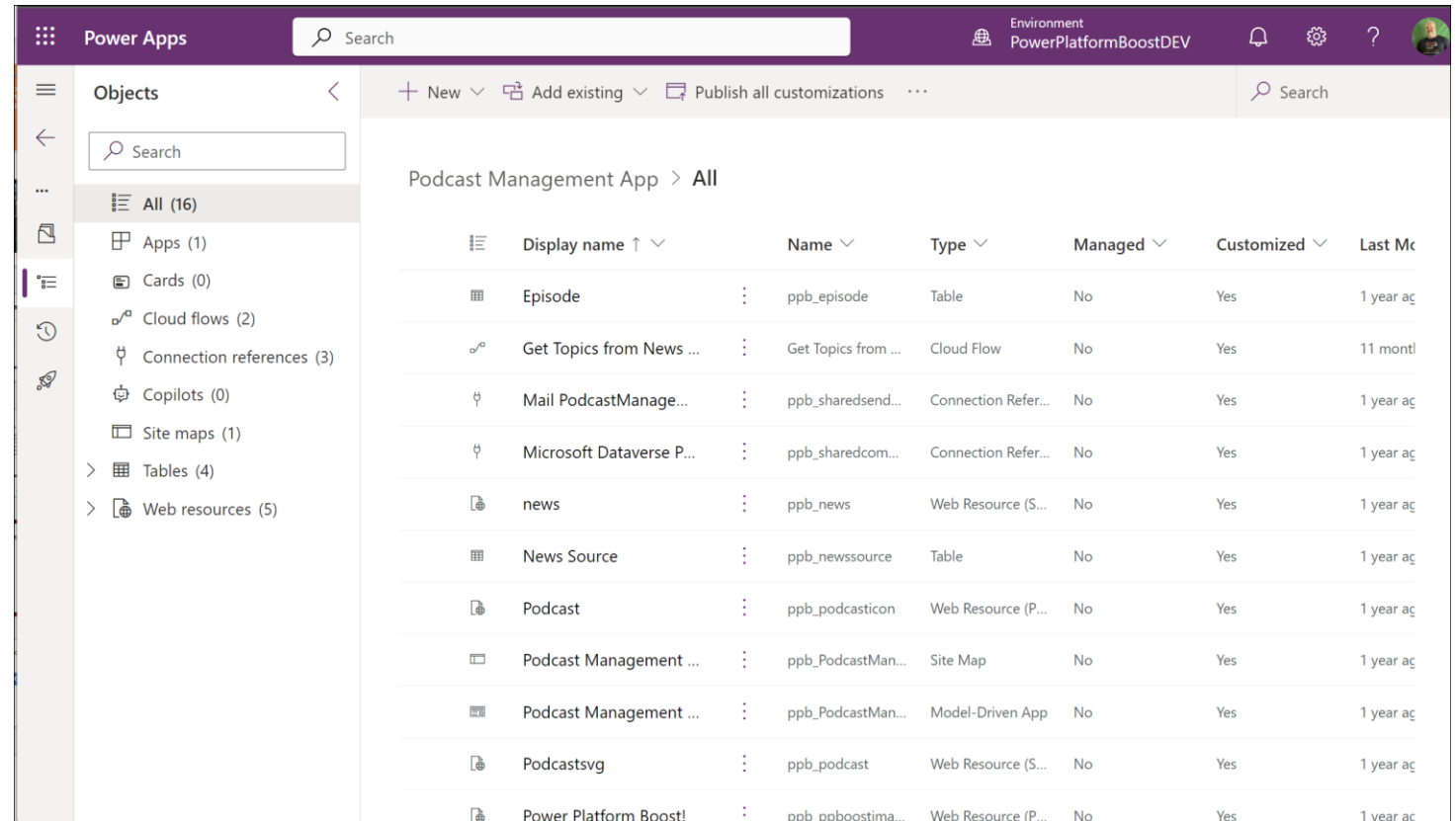
TL;DR

A way to make moving solutions easier

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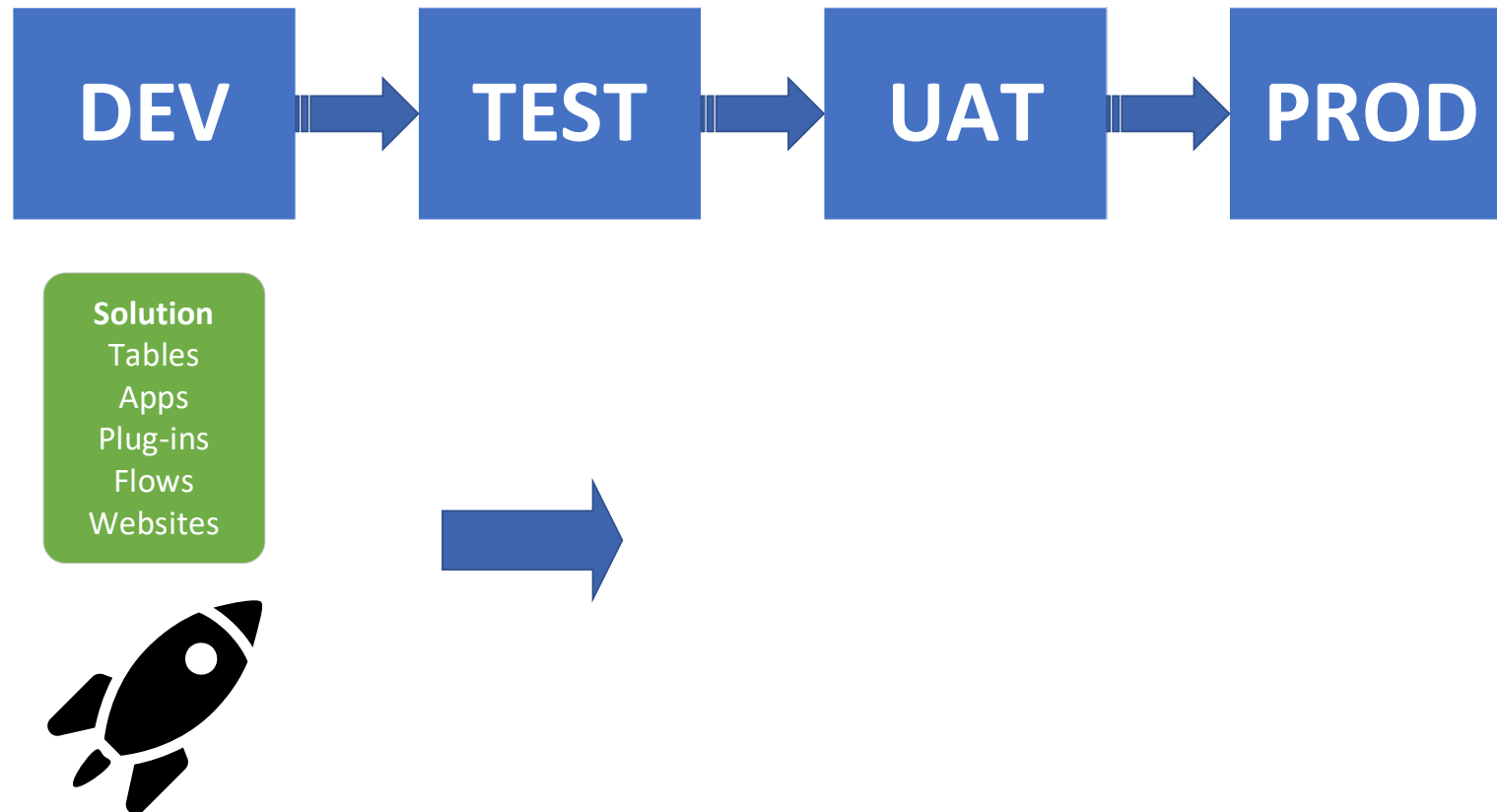
Power Platform environment and solutions

- Environment
  - Container to store apps, data, processes.
  - Separate environments by purpose, business need or geography
- Solution
  - Container to hold specific business application assets
  - Managed and unmanaged

Environment strategy and pipeline process

Requirements

- Dedicated host environment to store pipeline apps and configuration data

- Source (Developer environment)

- Destination environment (TEST, UAT, PROD) – managed environment

DEMO

Setup Power Platform pipelines

Setup environments

Setup deployment steps

Make a change to a solution

Deploy a solution

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Extending pipelines
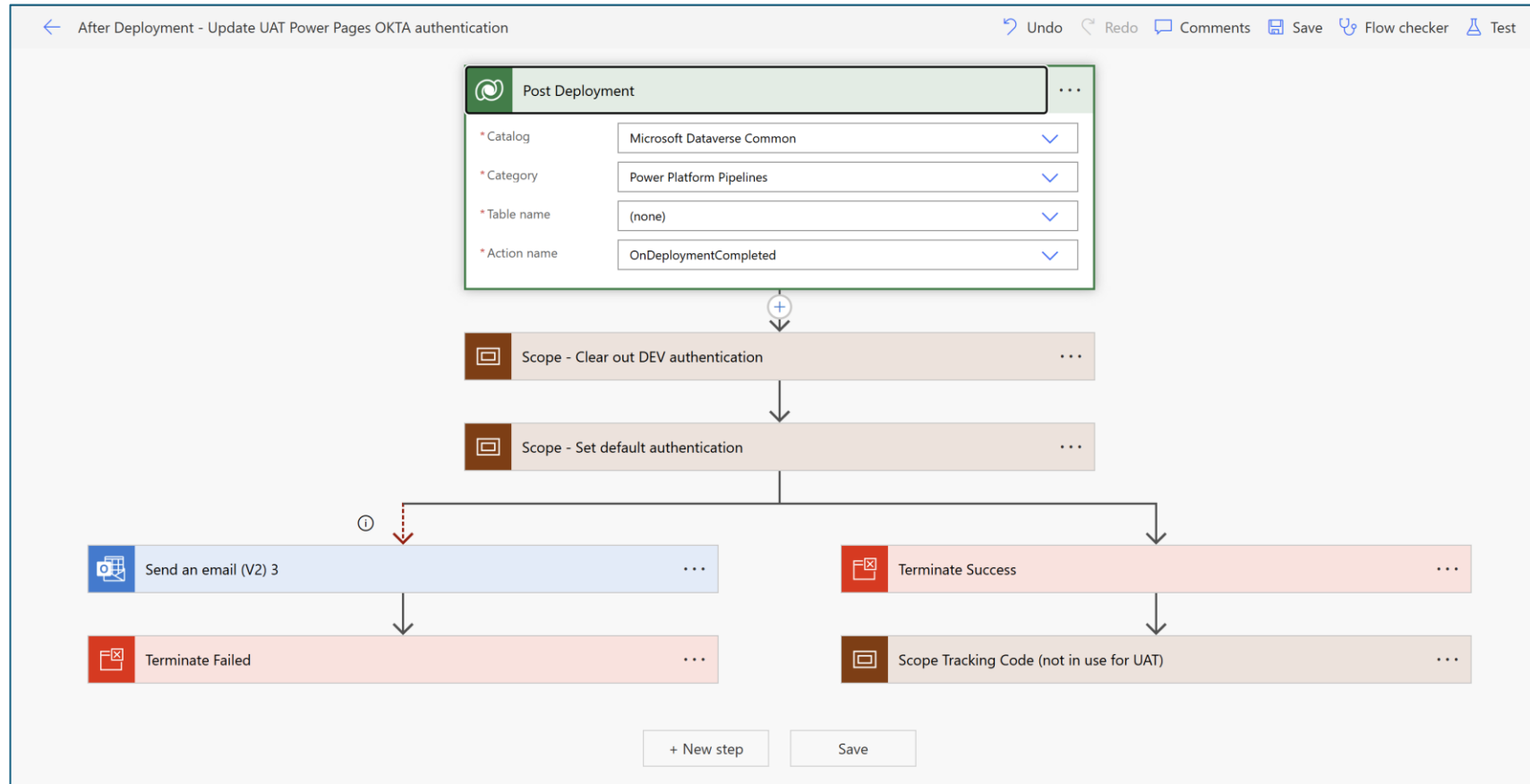
Other stuff

Other options (ALM Accelerator, Build Tools, Open source)

Lessons learned and gotchas

Questions!

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Evolution (my journey through blog posts)

Started with Powershell and Git

https://readyxrm.blog/2019/10/31/simple-alm-for-dynamics-365-cds-projects/

Power Platform Build Tools

https://readyxrm.blog/2020/04/07/simple-alm-for-power-apps-dynamics-365-projects-revisited-power-apps-build-tools-edition/

Power Platform Pipelines

https://readyxrm.blog/2023/06/11/use-power-platform-pipelines-with-power-pages/