



The logo features a stylized white icon resembling a globe or a network of clouds on the left, followed by the text "European SharePoint Office 365 & Azure Conference" in a clean, sans-serif font.



The logo consists of a large, white, slanted forward slash symbol followed by the text "ESPC20" in a large, bold, white font. Below "ESPC20" is the word "ONLINE" in a smaller, teal font. At the bottom, the dates "14 - 15 OCTOBER 2020" are written in a smaller, white font.



ALM and the Power Platform – a match [to be] made in Heaven

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Jonas Rapp

#LazyDeveloper
Refuse to repeat tedious work



- 25+ years Developer
- 10+ years Microsoft “Dynamics CRM”
- 6+ years XrmToolBox
- 4th year Microsoft BizApps MVP
- All about Power Platform

ONLINE

ALM – the basics

Application Lifecycle Management

More than the tools

Securing the process

Repeatability – Reproducibility



ALM – focus today

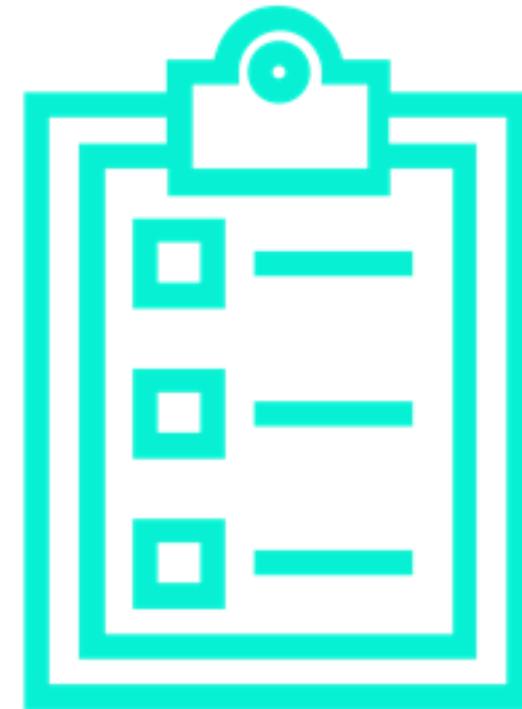
ALM in the Power Platform

Solution Management

Tests and QA

Tools for Automation

Demo



ALM in the Power Platform

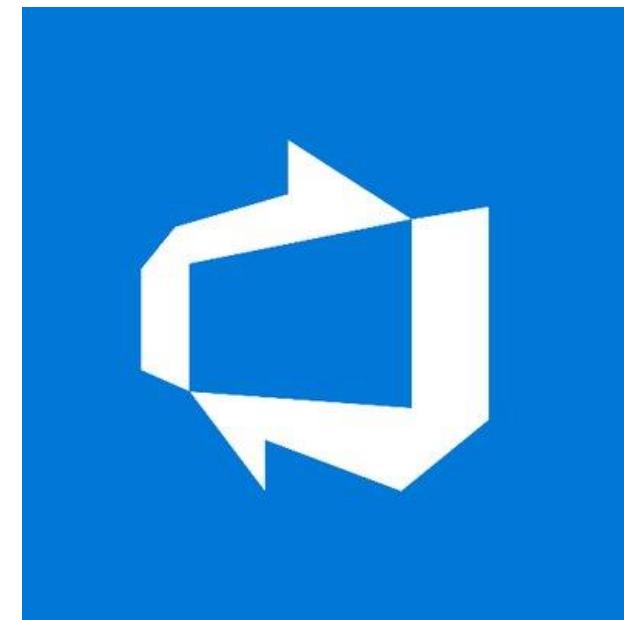
Azure DevOps

Solutions are the vessels

Power Platform Build Tools

Community Tools

Test Frameworks



Solutions are the vessels

CDS concept since 2011

Add ALL components to solutions

One unmanaged in each DEV

Only managed in all downstream environments

Dependency management

Update connections on import



Tests and Quality Assurance

Power Platform Checker

Canvas Test Studio

Easy Repro

Unit tests

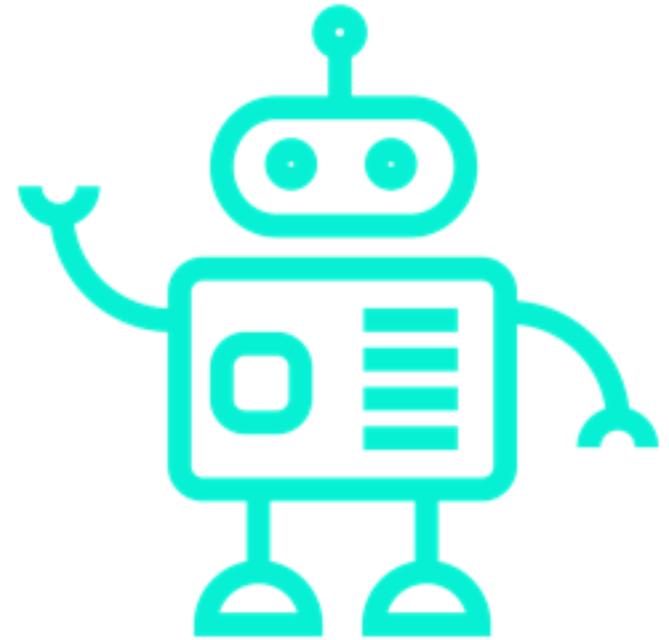


Tools for Automation

Azure DevOps Pipelines

GitHub Actions

PowerShell scripts



Automation targets

Environments

Solutions

Connections

Configuration



DEMO!

- Create Solution
- Add Components
- Export / Import
- Create AzDO Build pipeline
- Run Build
- Create AzDO Release pipeline
- Deploy Release



Thank You!

 @rappen

 jonasr.app

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