Azure DevOps: a story from the battlefield

Aleksandar Taseski

Azure Saturday 2019

HASELT

MCA

SORSIX

InterWorks®

Symphony Solutions

netcetera
Software matters

seavus®

BORN

Swarmtix

IT.mk

About me

- ✓ **Experience**: 3+ years in software development
- ✓ **Current position**: Software engineer and Project lead at Emit Knowledge
- ✓ **Interested in**: Reading, biking, hiking, beering

Agenda

Azure DevOps overview

Wiki pages, Dashboard

01

Azure Boards

Work items, processes, sprints, boards

02

Azure Repos

Demo: Create 2 repos and publish some code

03

Azure Pipelines

Demo: Create build and release pipelines and run them. Twice

04

Introducing Azure DevOps

Azure Boards

Plan, track, and discuss work across teams, deliver value to your users faster.

Azure Repos

Unlimited cloud-hosted private Git repos. Collaborative pull requests, advanced file management, and more.

Azure Pipelines

CI/CD that works with any language, platform, and cloud. Connect to GitHub or any Git provider and deploy continuously to any cloud.

Azure Test Plans

The test management and exploratory testing toolkit that lets you ship with confidence.

Azure Artifacts

Create, host, and share packages. Easily add artifacts to CI/CD pipelines.

Introducing Azure DevOps

Azure Boards

Plan, track, and discuss work across teams, deliver value to your users faster.

Azure Repos

Unlimited cloud-hosted private Git repos. Collaborative pull requests, advanced file management, and more.

Azure Pipelines

CI/CD that works with any language, platform, and cloud. Connect to GitHub or any Git provider and deploy continuously to any cloud.

Azure Test Plans

The test management and exploratory testing toolkit that lets you ship with confidence.

Azure Artifacts

Create, host, and share packages. Easily add artifacts to CI/CD pipelines.

Azure DevOps - Overview

- ✓ Customizable dashboards

- ✓ Wiki pages for documentation

Azure Boards

✓ Processes (SCRUM, Agile)

✓ Work items. Templates

✓ Kanban boards

✓ Iterations/Sprints

Azure Repos

- ✓ Git, Team Foundation Source Control

- ✓ Multiple repositories

- ✓ Integration with Visual Studio and VS Code

- ✓ Branches. Pull requests

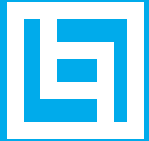# Azure Pipelines – Build pipelines

- ✓ Pipeline > Job > Task

- ✓ Pipeline source

- ✓ Hosted vs Private agents

- ✓ Artifacts

Azure Pipelines – Release pipelines

- ✓ Artifacts. Triggers

- ✓ Stages. Pre & post deployment conditions

- ✓ Variables

- ✓ Deployment groups

Thank you. Questions?