

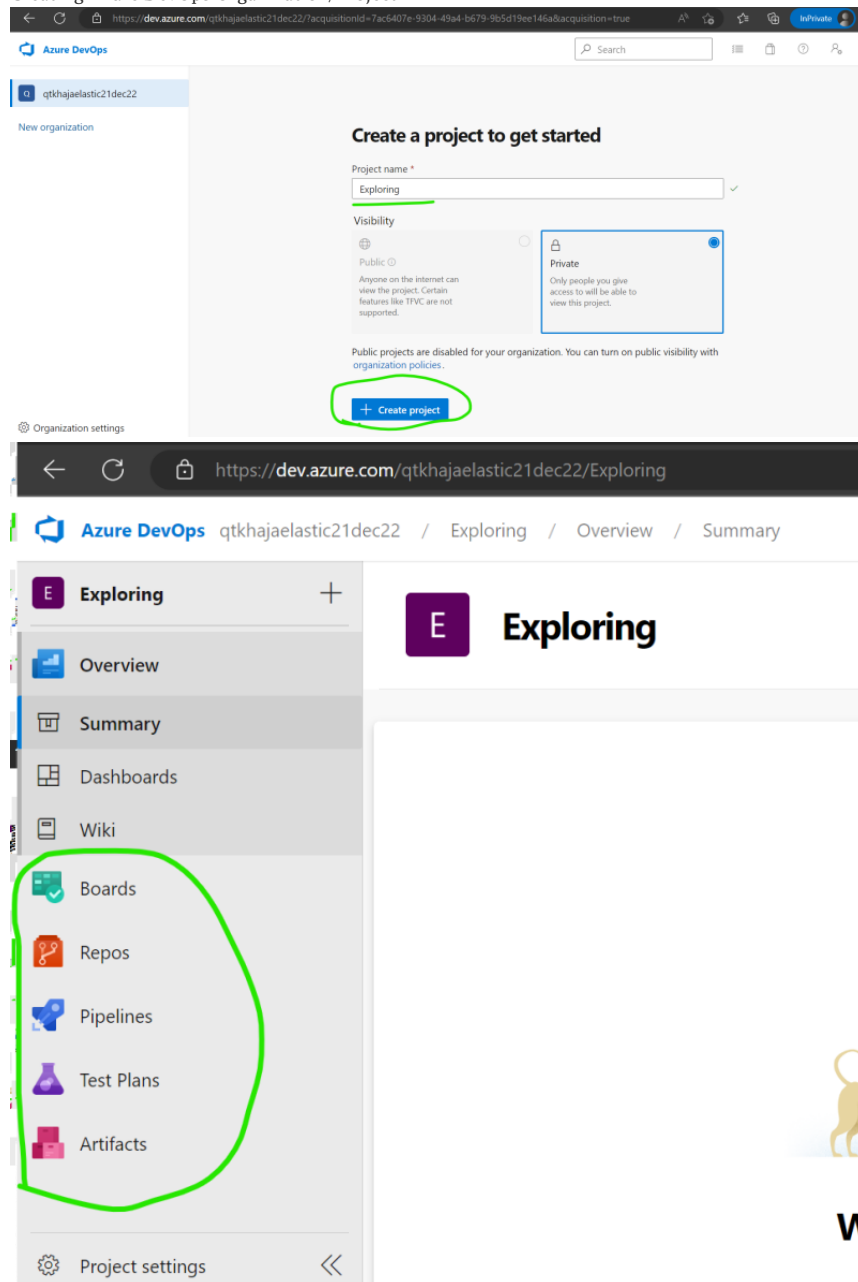


JANUARY 30, 2023

DevOps Classroomnotes 30/Jan/2023

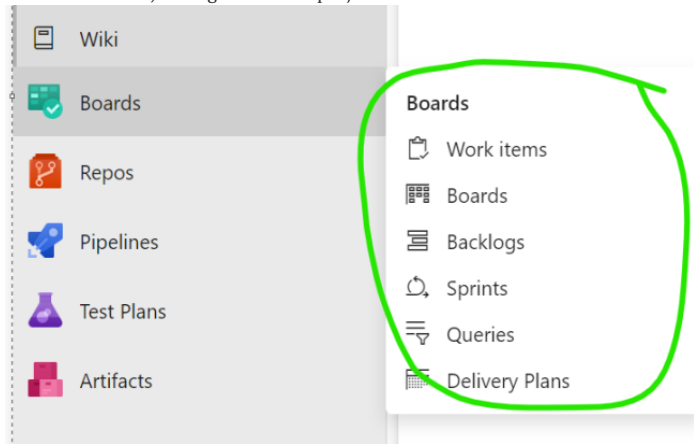
Azure DevOps Services

- GitHub account: Create a Github account (<https://github.com>)
- Azure DevOps:
 - [Refer Here](#) and click on start with Github
- Creating Azure DevOps Organization/Project



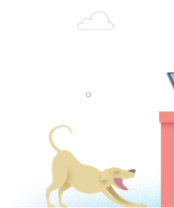
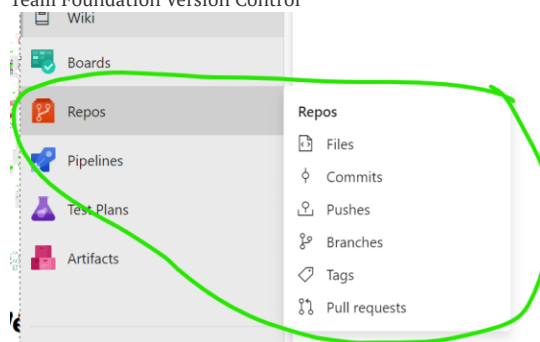
Azure DevOps Service – Boards

- This is used Plan, Manage and track projects



Azure Repos

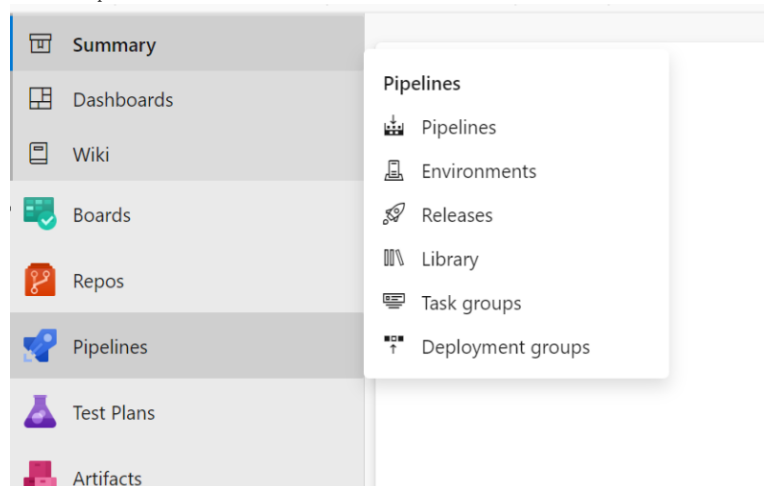
- This is where developers commit/colaborate code
- Azure Repos support
 - Git
 - Team Foundation Version Control



Welcome 1

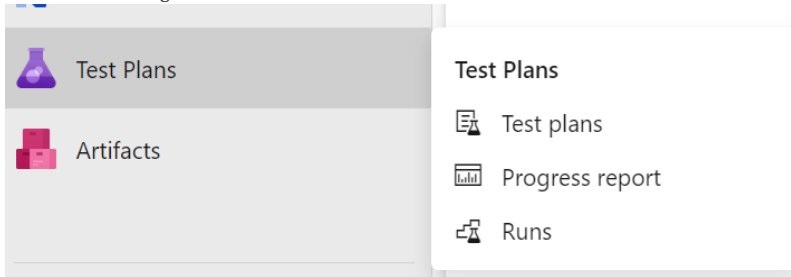
Azure Pipelines

- This is service where CI/CD Pipelines are managed
- In Azure we have two types of pipelines
 - Build Pipeline
 - Release Pipeline



Azure Test Plans

- This service manages test cases and test executions



Azure Artifacts

- This service manages build artifacts

Azure DevOps Extensions

- Azure DevOps Extensions will add additional functionality to Azure DevOps in terms of
 - integrations
 - build
 - deployment
- [Refer Here](#) for the marketplace url

Azure Wiki and Azure Dashboards

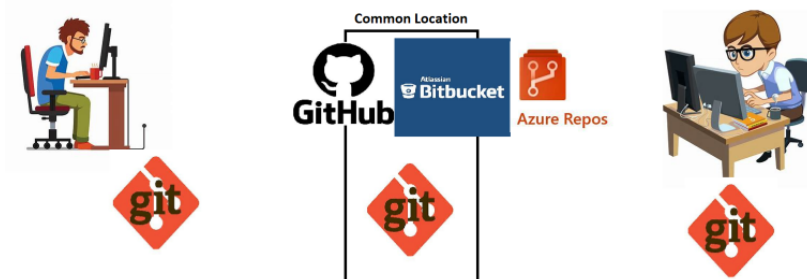
- All the project/design documentations can be hosted on Azure Wiki
- Dashboards such as
 - Critical defects
 - Scrum board

Our areas of interest

- Repos:
 - Git
- Pipelines
 - Classic Editor (UI Way)
 - YAML files
- Artifacts
- skills:
 - Git
 - YAML

Version Control Systems

- Version Control Systems: This software is used to maintain history of changes done in code over a period of time
- Git version control was designed and created by linux torvalds and is used in maintaining linux kernel source code



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