Azure-Devops Integration with PowerApps

In this documentation we will discuss and perform all the steps how to integrate Azure-Devops with our PowerApps environment.

Advantages:

The main advantages of integrating Azure-Devops with PowerApps are multiple developers can work on a single project at a time without any glitch, which will help the organization to ease the process.

Follow up the below steps to achieve the above mention scenario.

1. At first you have to sign in into <u>make.powerapps.com</u> and choose the project which you want to integrate with azure-devops.

2. After that go to the setting of PowerApps and switch on the "Show the git version control setting"

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	Settings	Upcoming features P Search
ponents	General	Preview Experimental Retired
	Display	Allow end users to navigate back in your app using the Android system back button.
~	Upcoming features	● Off
_	Support	Show the Git version control setting
	Git version control	Lets you connect the app to a Git repository. Once it's connected, more than one person can work on the app at the same time, and versions are managed in the repository.
		Enable SaveData, LoadData, ClearData on web player.
		Enables SaveData, LoadData, ClearData functions on the web player. Note that application data is stored in the browser storage and it is not encrypted. Off
		Improved canvas keyboard navigation
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t2		

3. After switching on, flip into the <u>dev.azure.com</u> browse link, sign-in into your office365 account and create a project (Make the visibility to private).

4. After Successful performing step no 3. You will land on azure-devops screen and from the left menu bar click on "Repos" option and make a note of the browsing link.

Ċ	Azure DevOps	softree / Powerapps integration / Repos / Files / 🔶 Powerapps integration ~
PI	Powerapps integration $+$	Azure DevOps has started rollout of changes to disable communication over TLS 1.0 and TLS 1.1. This change is permanent and if your tools are dependent on TLS 1.0/1.1 for communic with Azure DevOps, please take necessary actions to enable TLS1.2, as detailed in the blog.
2	Overview	Powerapps integration is empty. Add some code!
=	Boards	
6	Repos	Clone to your computer
đ	Files	HTTPS SSH Clone in VS Code V
¢	Commits	Generate Git Credentials
٩	Pushes	O Having problems authenticating in Git? Be sure to get the latest version Git for Windows or our plugins for Intelli), Eclipse, Android Studio or Windows command line.
s	Branches	
Ø	Tags	Push an existing repository from command line
11	Pull requests	HTTPS SSH
s?	Pipelines	git remote add origin http://contrae@day.ayue.com/contrae@mueranos%20interration/_oit@mueranos%2
₫	Test Plans	undent i na una di na uneme accourt na una dibba una una di di na una dibba una 🖕 na una dibba una 🔒
a.	Artifacts	Import a repository
		Import

5. After that in this above screen, you will find "Initialize" button at the bottom of the page just click on that button.

6. On that click you will navigate into the branch screen, and by-default your branch name will be "Main" just make a note of your branch name.

es		ដ Set up build 🗔 Clo
tents History		
Name 1	Last change	Commits
/↓ README.md	Just now	d1e66385 Added README.md Debasiah Jena
Introduction IODO: Give a short introduction of yo Getting Started	our project. Let this section explain the	objectives or the motivation behind this project.
Introduction TODO: Give a short introduction of yo Getting Started TODO: Guide users through getting y	our project. Let this section explain the rour code up and running on their owr	objectives or the motivation behind this project. system. In this section you can talk about:
Introduction IODO: Give a short introduction of yo Getting Started IODO: Guide users through getting y 1. Installation process	our project. Let this section explain the rour code up and running on their owr	objectives or the motivation behind this project. system. In this section you can talk about:
Introduction IODO: Give a short introduction of yo Getting Started IODO: Guide users through getting y 1. Installation process 2. Software dependencies 3. Latest releases	our project. Let this section explain the rour code up and running on their owr	objectives or the motivation behind this project. system. In this section you can talk about:
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Introduction TODO: Give a short introduction of yo Getting Started TODO: Guide users through getting y 1. Installation process 2. Software dependencies 3. Latest releases 4. API references Build and Test TODO: Describe and show how to bu	our project. Let this section explain the rour code up and running on their owr ild your code and run the tests.	objectives or the motivation behind this project. system. In this section you can talk about:

7. After that you have to create personal access to token, in order to create that, you have to click on the "user setting icon" which will be present at the right top corner. By clicking on that button you will find a drop-down and choose "personal access token".

8. Create a personal access token by providing the necessary details and copy the access token and save it for letter process.

ollout of changes to disable communication over TLS 1.0 and TLS 1.1. This change is permanent and if you	Create a new personal access token	×
detailed in the blog.	Name	
Personal Access Tokens		
These can be used instead of a password for applications like Git or can be passed in the authorization	Organization	
+ New Token	softree	\sim
	Expiration (UTC)	
	30 days ~ 7/23/2022	
You do not ha	Scopes Authorize the scope of access associated with this token Scopes Full access Custom defined Work Items Work Items, queries, backlogs, plans, and metadata	^
access to	C Read C Read & write Read, write, & manage	
<u>+ №</u>	Code Source code, repositories, pull requests, and notifications Read Read, write, & write Read, write, & Full Status Show all scopes (28 more) Create Cancel	Ţ

9. After successfully completing the above process, flip into PowerApps setting and click on "Git version control" and connect.

	Settings	Git version control		
nents	General			
	Display			
	Upcoming features			
	Support			
	Git version control			
			To use Git version control for this app, you connect to a Git repository. Learn mc Connect	need to rre

10. After clicking on "Connect" you will find below screen and providing the mandatory details which we had saved earlier, click on apply button. Now your application gets connected with Azure-Devops.

c:	Git version control
ttings	
neral	Connect a Git repository ×
play	When you connect to a repository, more than one person can work on the app at the same time, and all versions are managed in the repository. Learn more
coming features	Git repository URL ③
oport	*
version control	Branch ⑦
	birectory name 🐨
	Apply Cancel

11. After that when it will ask you to "sign in into your repository" on user name provide azure user name and on password provide, personalized access token number and now you are all set to go.