



# Lab – Continuos Testing

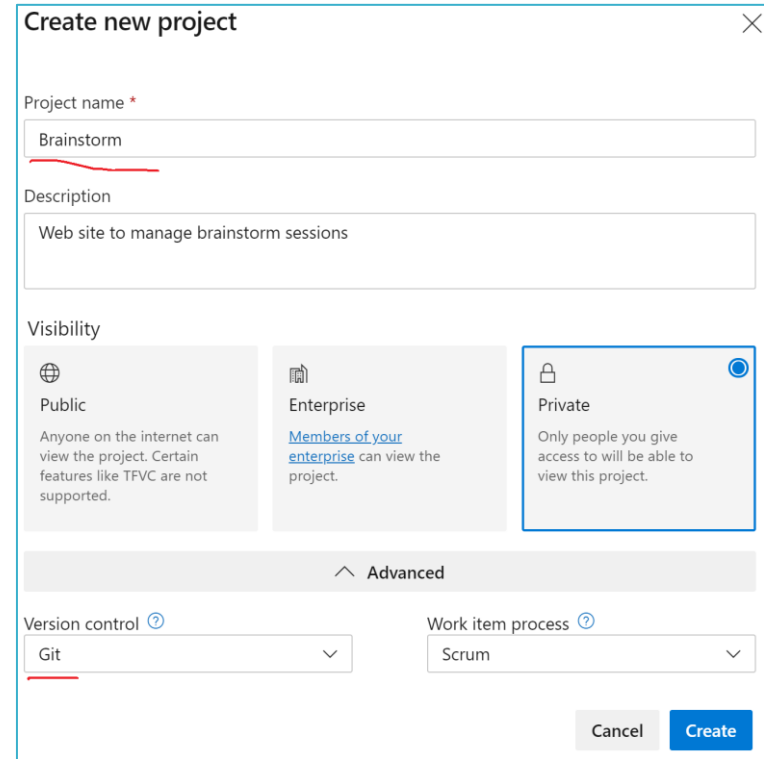
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May 2020



# Let's add project to Azure DevOps repo

1. Log in your Azure DevOps account
2. Create a new project called Brainstorm. Select Git for version control. Click **Create**. See **image 1**.
3. Navigate to Repos. See **image 2**.
4. Initialize the repo with .gitignore for Visual Studio and Readme file. See **image 3**.
5. This step will initialize the git repository



Create new project

Project name \*

Brainstorm

Description

Web site to manage brainstorm sessions

Visibility

Public  
Anyone on the internet can view the project. Certain features like TFVC are not supported.

Enterprise  
[Members of your enterprise](#) can view the project.

Private  
Only people you give access to will be able to view this project.

Advanced

Version control ?  
Git

Work item process ?  
Scrum

Cancel Create

image 1

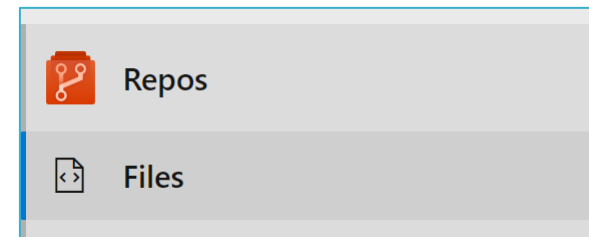
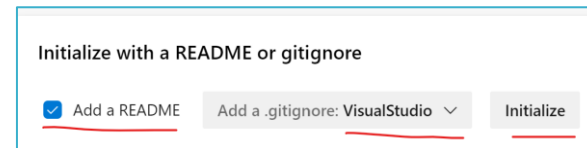


image 2



Initialize with a README or gitignore

☒ Add a README

Add a .gitignore: VisualStudio

Initialize

image 3

# Let's add repo

6. Connect your project to Visual Studio. See **image 4**.
7. Copy the folder path where your solution is cloned. For example `C:\users\peterpan\Brainstorm`
8. Open that folder from file explorer
9. Copy to folder from step 8 the contents from "workshop-testing\src\TestingControllersSample.ContinuousTesting\src\TestingControllersSample". See **image 5**.

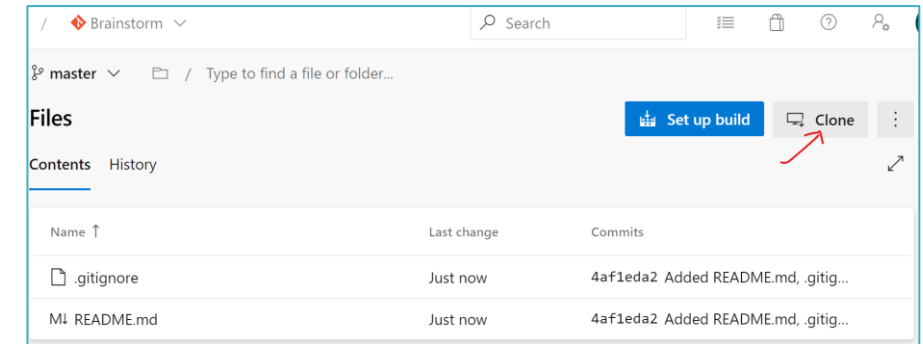


Image 4

<input type="checkbox"/>	Name	Date modified	Type
	src	5/20/2020 2:07 PM	File folder
	tests	5/20/2020 2:07 PM	File folder

Image 5

# Let's add repo

10. In Visual Studio, use Team Explorer to commit the changes to your Azure DevOps repository. Select **Changes**. **Stage** the changes and select **Commit Staged and Sync**. See **image 6**.

11. Azure DevOps repo should look like **image 7**.

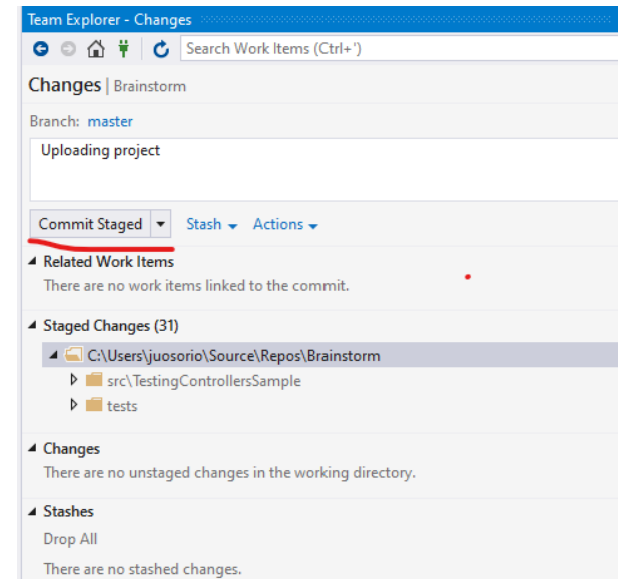


Image 6

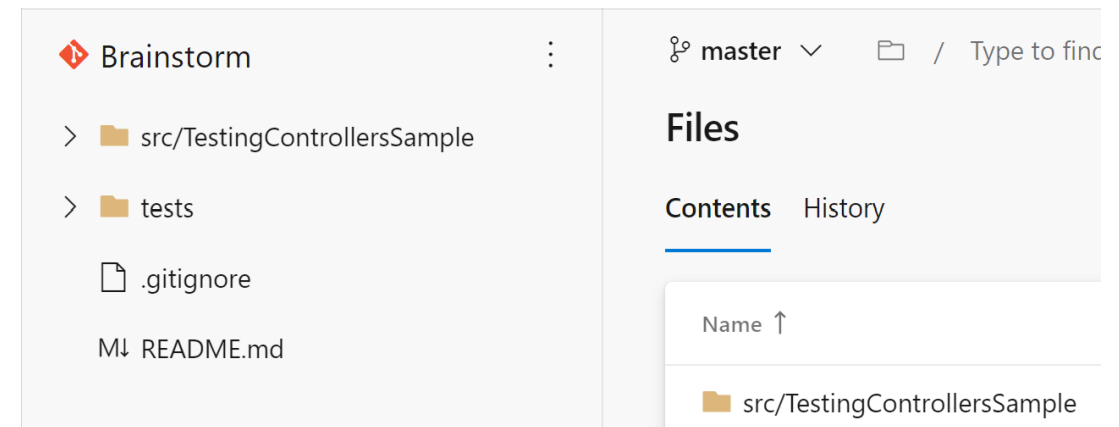


Image 7

# Let's create Continuous Integration Pipeline

12. In Azure Devops, Select **Pipelines**. Click **Create Pipelines**. See image 8
13. Click **Use the Classic Editor**.
14. Select a source. Repository **Brainstorm**. Click **Continue**.

Image 8

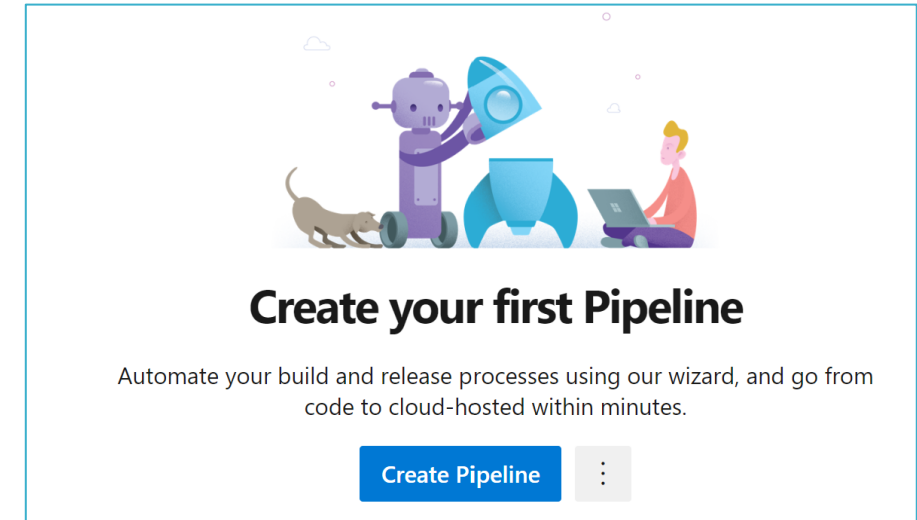
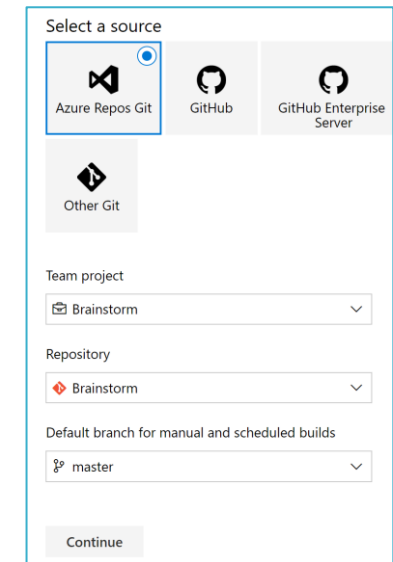


Image 9



# Let's create Continuous Integration Pipeline

15. Search for the asp.net core template. Click on the **ASP.Net Core** item. See **image 10**.

16. Click **Apply**.

17. The pipelines should look like **image 11**.

18. Save and queue

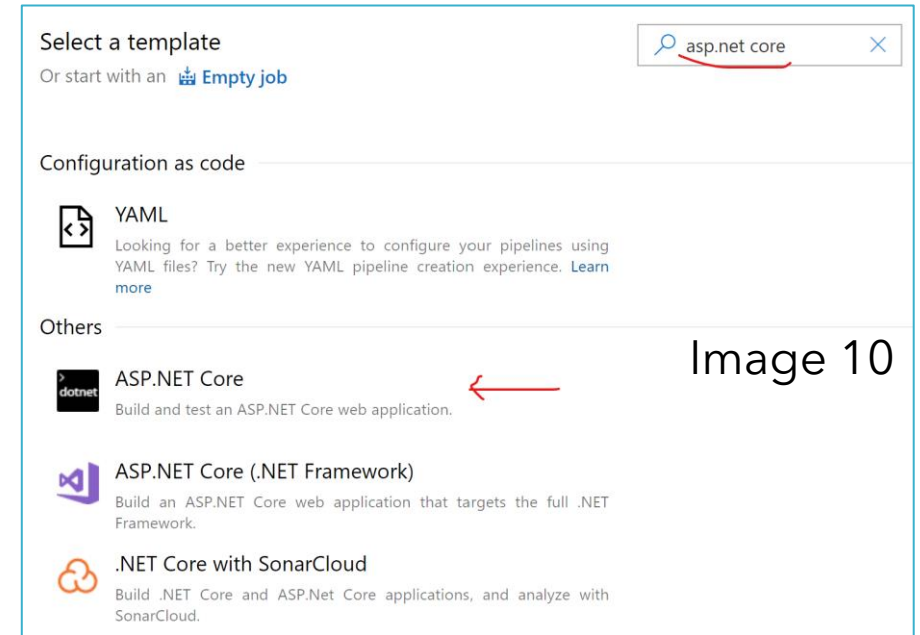


Image 10

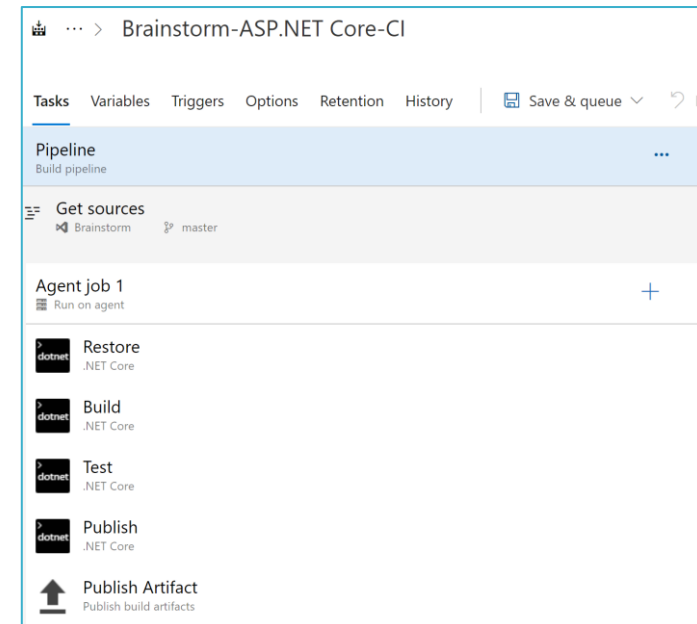


Image 11

# Let's run Continuous Testing Pipeline

19. The previous step starts a job. It should look like the **image 12**.
20. Once the pipeline finishes, the result is published, and it should look like **image 13**.
21. Go back to the pipeline definition. And take a look at the parameters at the task **Test** to understand how it was configured.

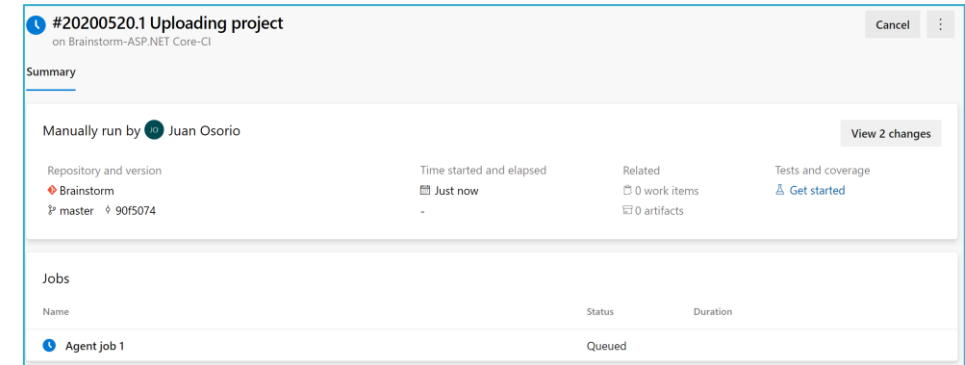


Image 12

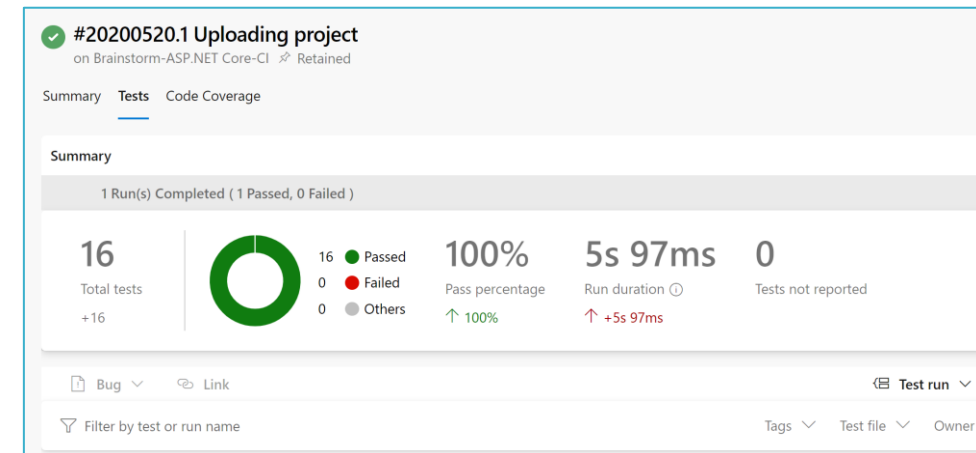


Image 13