

### 5.3 CREATE A NEW PIPELINE

1. In your Azure DevOps project, select **Pipelines** from the left navigation menu.
2. Select **New pipeline** or **Create pipeline** if this pipeline is the first in the project.
3. On the **Where is your code** screen, select **GitHub**.
4. You might be redirected to GitHub to sign in. If so, enter your GitHub credentials.
5. On the **Select a repository** screen, select the repository your .NET app is in.
6. You might be redirected to GitHub to install the Azure Pipelines app. If so, select **Approve & install**.
7. Azure Pipelines will analyze your repository and recommend the **Maven** pipeline template.
8. When your new pipeline appears, take a look at the YAML to see what it does. When you're ready, select **Save and run**.
9. You're prompted to commit a new azure-pipelines.yml file to your repository. After you're happy with the message, select **Save and run** again.

If you want to watch your pipeline in action, select the build job.

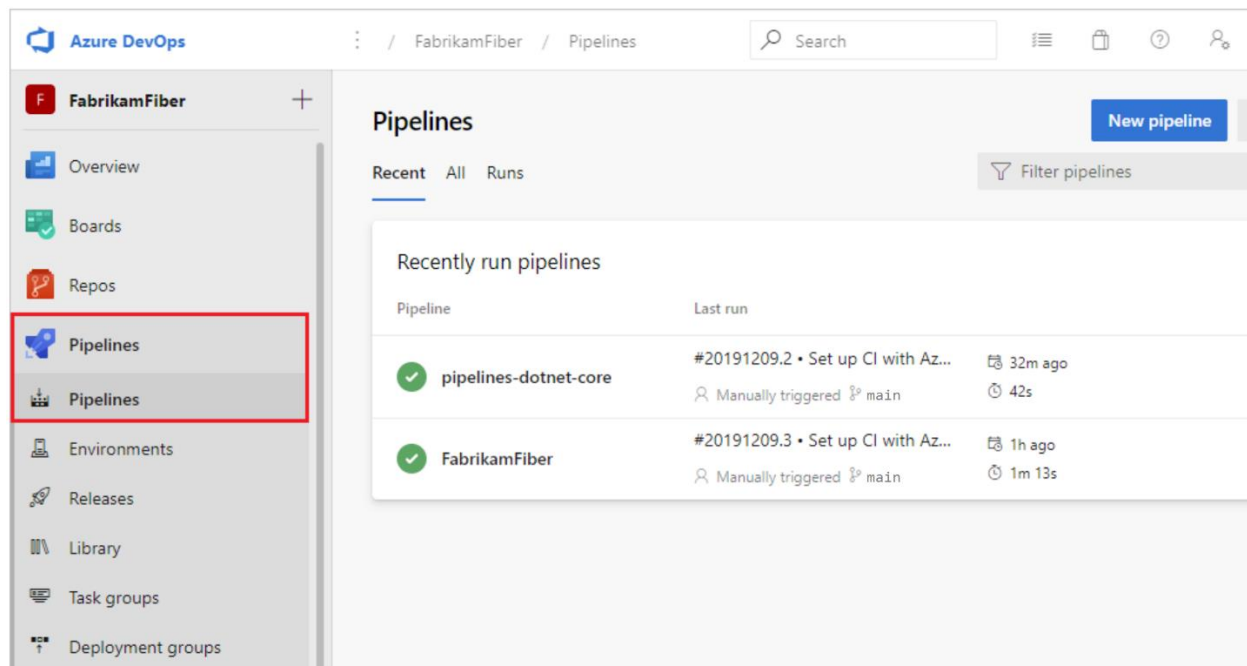
You just created and ran a pipeline that we automatically created for you, because your code appeared to be a good match for the Maven template.

You now have a working YAML pipeline (azure-pipelines.yml) in your repository that's ready for you to customize!

10. When you're ready to make changes to your pipeline, select it in the **Pipelines** page, and then **Edit** the azure-pipelines.yml file.

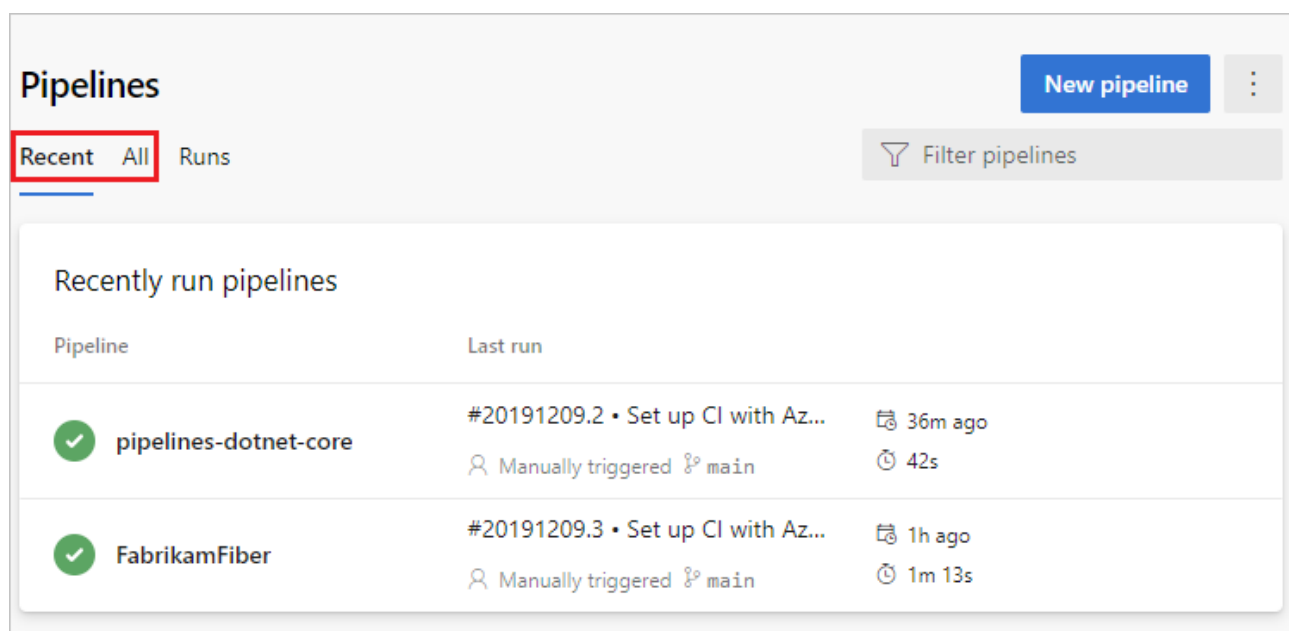
### View and manage your pipelines

You can view and manage your pipelines by choosing **Pipelines** from the left-hand menu to go to the pipelines landing page.

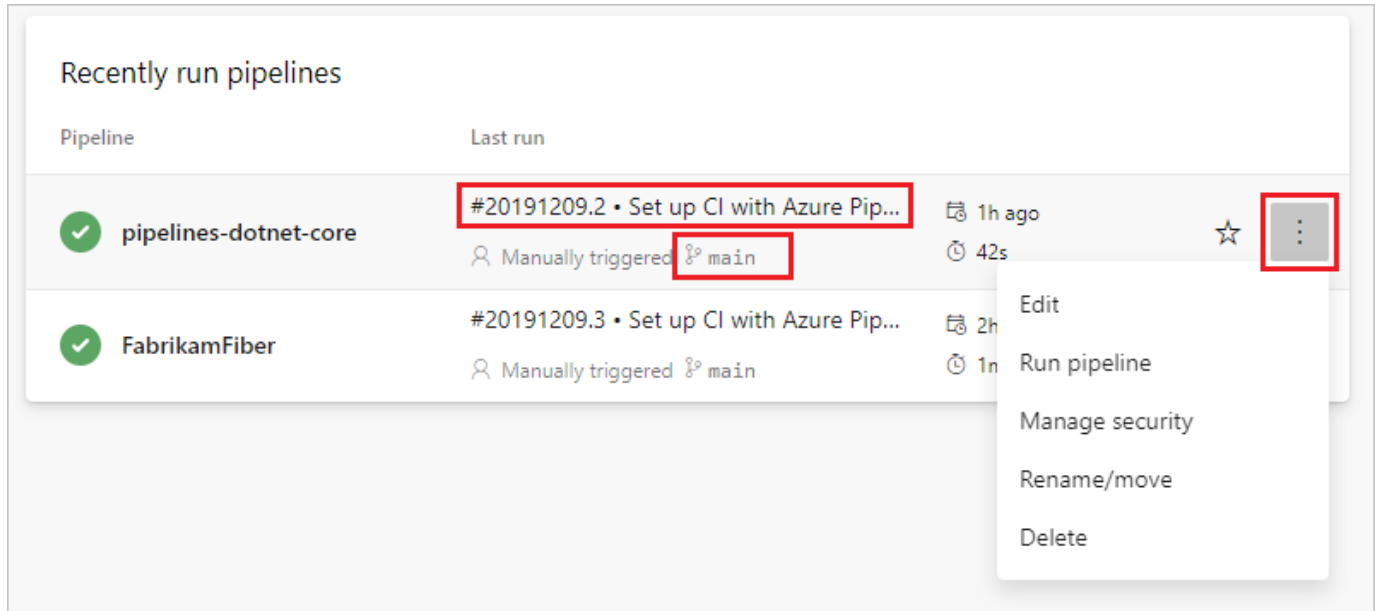


From the pipelines landing page you can view pipelines and pipeline runs, create and import pipelines, manage security, and drill down into pipeline and run details.

Choose **Recent** to view recently run pipelines (the default view), or choose **All** to view all pipelines.



Select a pipeline to manage that pipeline and view the runs. Select the build number for the last run to view the results of that build, select the branch name to view the branch for that run, or select the context menu to run the pipeline and perform other management actions.



Select **Runs** to view all pipeline runs. You can optionally filter the displayed runs.

**Pipelines** New pipeline ⋮

Recent All **Runs** ⌵

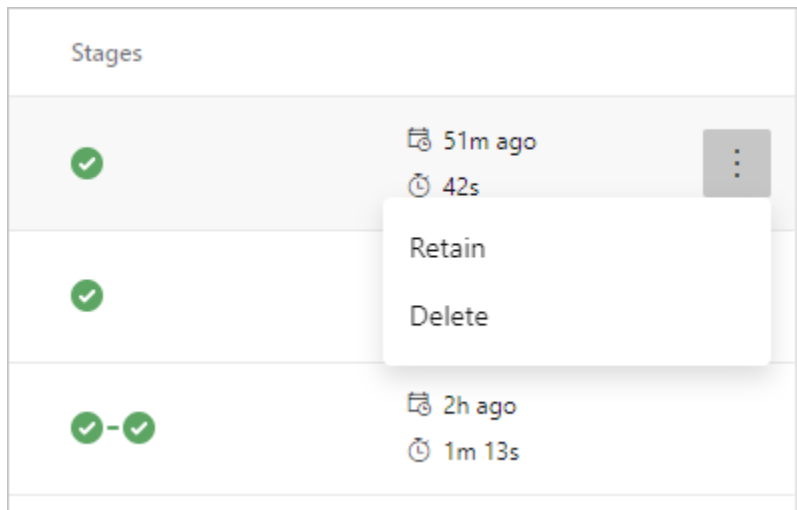
Filter by keywords State Repository Requested for Tags

All pipeline runs

Description	Stages	
<b>Set up CI with Azure Pipelines</b> #20191209.2 on pipelines-dotnet-core main d4964...	✓	44m ago 42s
<b>Set up CI with Azure Pipelines</b> #20191209.1 on pipelines-dotnet-core main d4964...	✓	53m ago 46s
<b>Set up CI with Azure Pipelines</b> #20191209.3 on FabrikamFiber main 2b4b23c	✓-✓	1h ago 1m 13s
<b>Set up CI with Azure Pipelines</b> #20191209.2 on FabrikamFiber main 2b4b23c	✓-✓	1h ago 1m 55s
<b>Set up CI with Azure Pipelines</b> #20191209.1 on FabrikamFiber main 2b4b23c	✓-✓	1h ago 1m 6s

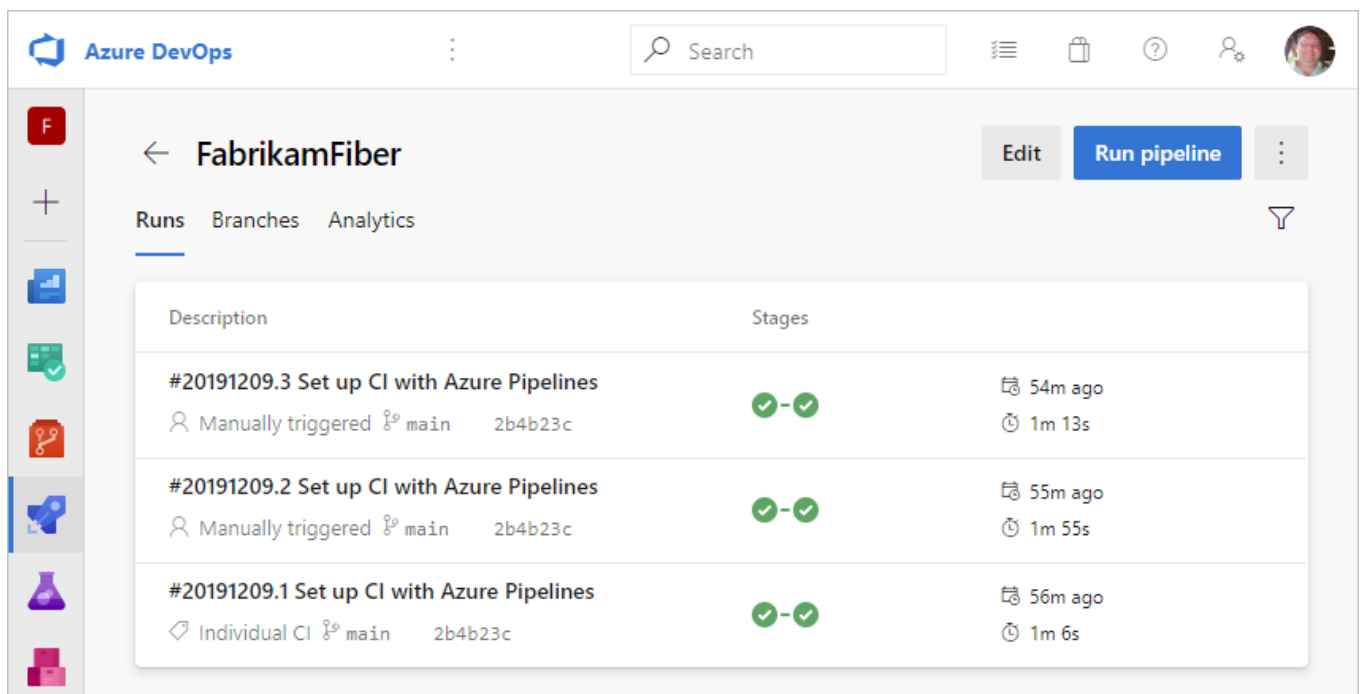
Select a pipeline run to view information about that run.

You can choose to **Retain** or **Delete** a run from the context menu.



### View pipeline details

The details page for a pipeline allows you to view and manage that pipeline.



Choose **Edit** to edit your pipeline. For more information, see [YAML pipeline editor](#). You can also edit your pipeline by modifying the **azure-pipelines.yml** file directly in the repository that hosts the pipeline.

## View pipeline run details

From the pipeline run summary you can view the status of your run, both while it is running and when it is complete.

The screenshot displays the 'Summary' tab of an Azure DevOps pipeline run. At the top, a green checkmark indicates success, followed by the run title '#20191210.2 Update azure-pipelines.yml for Azure Pipe...' and the repository 'on FabrikamFiber'. A 'Run new' button and a menu icon are on the right. Below the title, 'Summary' and 'Environments' tabs are shown, with 'Summary' selected. The main content area shows the run was 'Triggered by Steve Danielson' on the 'main' branch (commit b2f795e) at 12:56 PM. A list of metrics follows: Duration (1m 9s), Tests (Get started), Changes (2 commits), Work items (1 linked), and Artifacts (1 published). The 'Stages' tab is selected, showing a sequence of two stages: 'Build' (1 job completed, 41s) and 'Deploy' (1 job completed, 13s, 1 artifact). The stages are connected by a line, indicating a sequential workflow.

✓ #20191210.2 Update azure-pipelines.yml for Azure Pipe... [Run new](#)

on FabrikamFiber

[Summary](#) [Environments](#)

Triggered by Steve Danielson

◆ FabrikamFiber main b2f795e

📅 Today at 12:56 PM

Duration: ⌚ 1m 9s

Tests: [Get started](#)

Changes: ↕ 2 commits

Work items: 📋 1 linked

Artifacts: 📦 1 published

[Stages](#) [Jobs](#)

✓ Build 1 job completed 41s

✓ Deploy 1 job completed 13s

📦 1 artifact

From the summary pane you can view job and stage details, download artifacts, and navigate to linked commits, test results, and work items.

### Jobs and stages

The jobs pane displays an overview of the status of your stages and jobs. This pane may have multiple tabs depending on whether your pipeline has stages and jobs, or just jobs. In this example, the pipeline has two stages named **Build** and **Deploy**. You can drill down into the pipeline steps by choosing the job from either the **Stages** or **Jobs** pane.

Stages <u>Jobs</u>			
Name	Status	Stage	Duration
✓ Build	Success	Build	⌚ 40s
✓ DeployWeb	Success	Deploy	⌚ 10s

Choose a job to see the steps for that job.

← Jobs in run #20191...

FabrikamFiber

Build

▼	✓ Build	40s
	✓ Initialize job	1s
	✓ Checkout	3s
	✓ CmdLine	2s
	✓ Component Detect	32s
	✓ Post-job: Checkout	<1s
	✓ Finalize Job	<1s

Deploy

>	✓ DeployWeb	10s
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Finalize build

	✓ Report build status	<1s
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✓ Build

1 Pool: [Azure Pipelines](#)

2 Image: Ubuntu-16.04


3 Agent: Hosted Agent

4 Started: Today at 1:13 PM

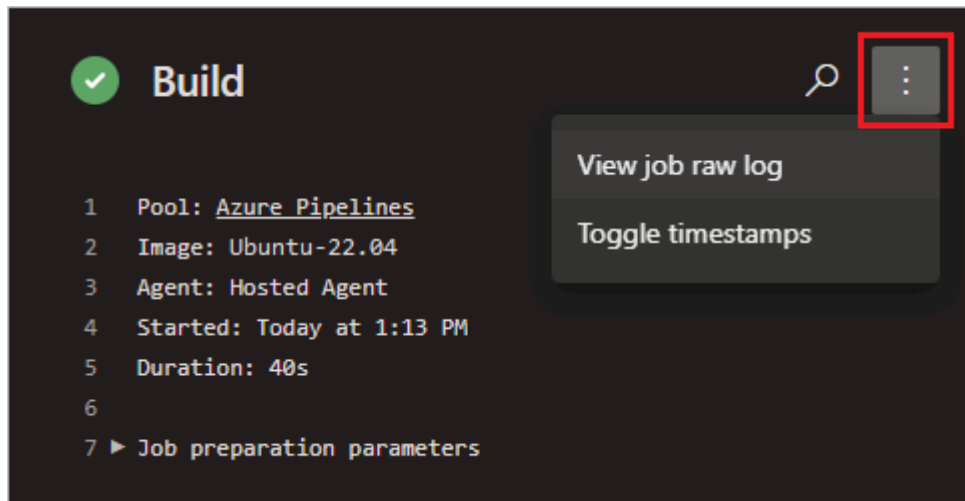
5 Duration: 40s

6

7 ▶ Job preparation parameters

From the steps view, you can review the status and details of each step. From the **More actions**  you can toggle timestamps or view a raw log of all steps in the pipeline.





### Cancel and re-run a pipeline

If the pipeline is running, you can cancel it by choosing **Cancel**. If the run has completed, you can re-run the pipeline by choosing **Run new**.

