

CIS150 Using TFS

1. Create a TFS Project Using the Web Portal

TFS Web Portal to Create Project

TFS works with 'Projects' as repositories. You must create TFS Project Folders using the web portal.

Web Portal URL ->

<https://cisteam.otc.edu/tfs/username> ->

If you are prompted to login

USERNAME: OTC\yourOTCusername

(You **must** put the OTC backslash \ before your OTC username)

Create a project named CIS150-###

- Use your section number for the ### - CIS150-101 for section 101
- Choose Team Foundation Version Control
- Explore the Web Portal

Create new project

Collection name
rileyre

Project name *
CIS150-W01

Description

Advanced

Version control
Team Foundation Version Control

Work item process
Agile

2. Connect Visual Studio to TFS

Use Visual Studio or Visual Studio Code to store/update C# projects in your TFS repository. Each may require extensions or plug ins to be loaded for TFS. Search the web for up to date instructions.

Visual Studio -> Tools -> Options -> Source Control -> Current plug-in -> visual Studio Team Foundation Server

Connect to TFS

Team (Team menu or Team Explorer)
Manage Connections,
Connect to a Project

Add Azure DevOps Server

Enter SERVER URL:

<https://cisteam.otc.edu/tfs>

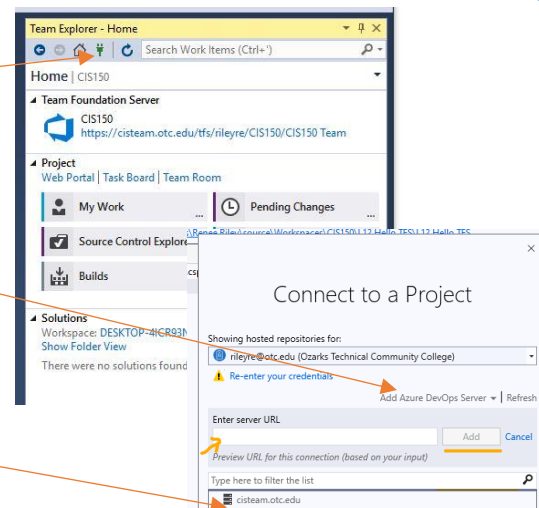
Click Add

Select your CIS150 project and click Connect

If you are prompted to login

USERNAME: OTC\yourOTCusername

(You **must** put the OTC backslash \ before your OTC username)

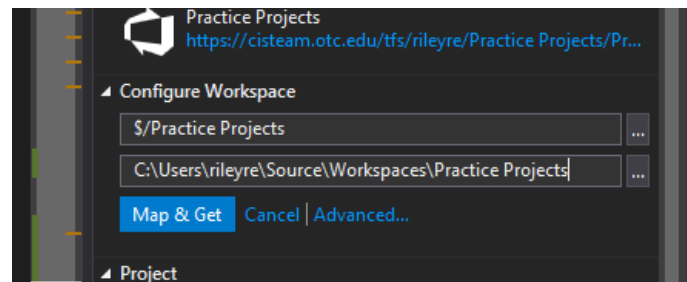
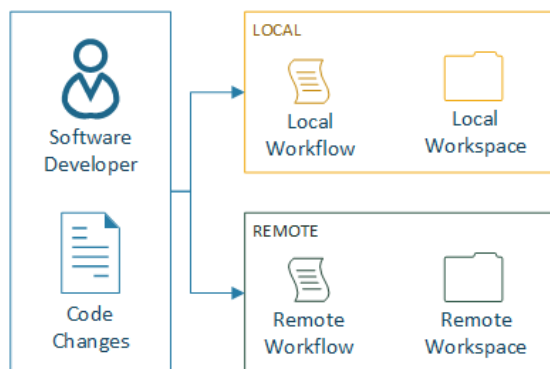


CIS150 Using TFS

3. Configure local storage location

Map Local Workspace

Set your local workspace location (remote is the TFS Server)



Click **Map & Get** to copy TFS folder to the local workspace

4. Use Team tools

Team Explorer Home Page

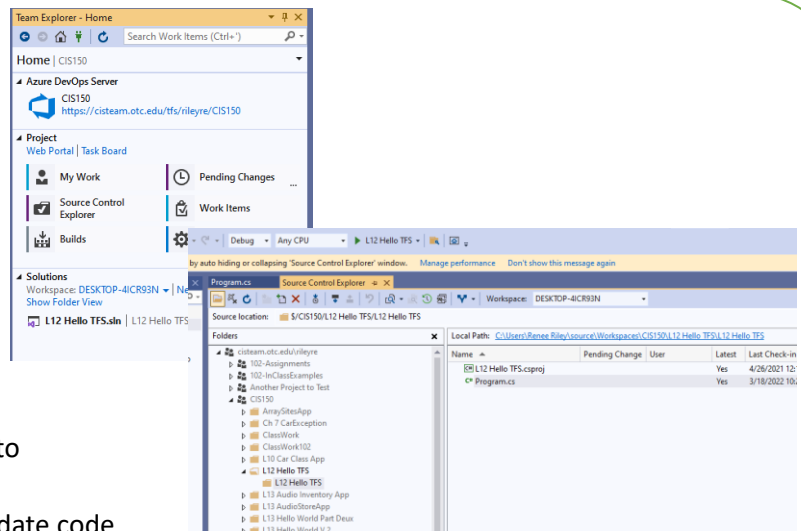
- 1) Displays server connection info
- 2) Project TFS Activity Icons
- 3) Recent solutions

Source Control Explorer

- 1) Browse TFS contents
- 2) Many options
- 3) Select TFS solution and choose

Get Latest Version ←

- a. Copies code from server to workstation
- b. Allows you to run and update code



5. Sample Workflows

Add a Solution to TFS

- 4) Add solution to source control (**File, Source Control, Add to Source Control**)
- 5) Choose TFS location for project when prompted
- 6) **Check In** solution to sync TFS with changes →

Access a Solution from TFS

- 4) Connect to TFS
- 5) Use Team Source Control Explorer to locate TFS solution
- 6) Select TFS solution and choose **Get Latest Version** ←
 - a. use **Check Out for Edit** to lock any files you will update
 - b. This copies code from TFS Server to local workstation

Update Solution in TFS

- 1) **Check in** solution
 - a. This syncs updated workstation code to server and unlocks →