

How I Got Atlassian SourceTree to Work with Microsoft Visual Studio Team Services

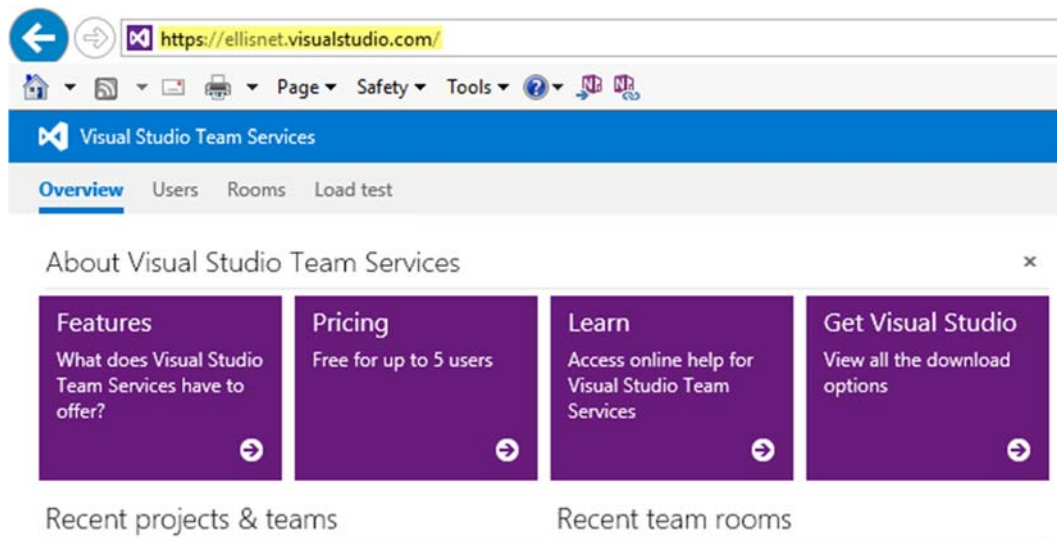
Date/Revision: 4/9/2016

Note that the process documented below is based on the following configuration:

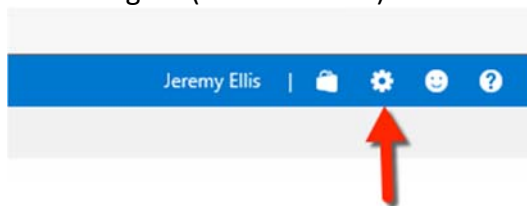
- Windows 10 operating system
- Git for Windows version 2.8.1 installed - <https://git-scm.com/download/win>
- SourceTree for Windows version 1.8.3 installed - <https://www.sourcetreeapp.com/>

Part 1 – Visual Studio Team Services:

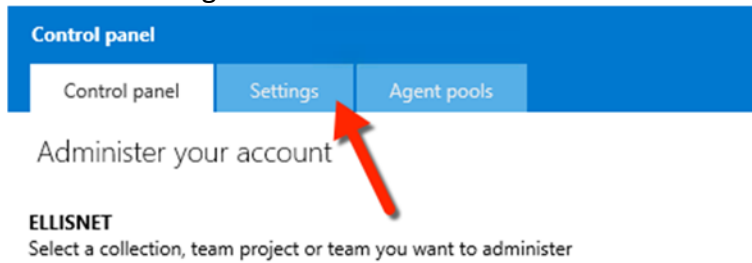
- 1) Browse to Visual Studio Team Services (VSTS = TFS-in-the-cloud) site and login:



- 2) Click the gear (Control Panel) icon in the top right corner:



- 3) Click the Settings tab:

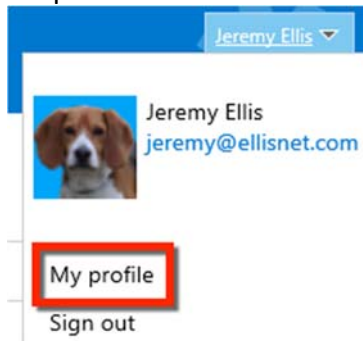


Note: With Git for Windows version 2.8.1 (or higher) and SourceTree for Windows version 1.8.3 (or higher) – enabling Alternate authentication credentials (steps 4-7) may not be needed; as SourceTree seems to use your normal Microsoft Account credentials with these versions (and higher).

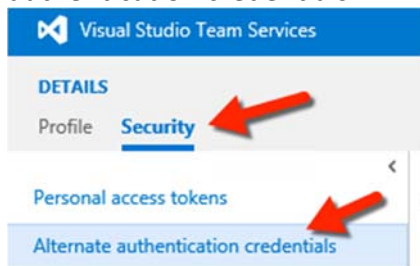
- 4) In the Application Connections section, set Alternate authentication credentials to Allow (and then click the Save icon to save this setting):



- 5) Next, in the top right corner, click on your name; and choose My Profile from the dropdown:




- 6) In the Details page that comes up, click the Security tab and then click Alternate authentication credentials:



- 7) Make sure that Alternate authentication credentials is CHECKED; provide (and confirm) a password, and then click the Save button.

Alternate authentication credentials

 Personal access tokens are a more convenient and secure replacement for Alternate authentication credentials. Please use [personal access tokens](#) instead.

Alternate authentication credentials can be used to allow applications outside the browser access to the resources stored in your account.

☒ Enable alternate authentication credentials

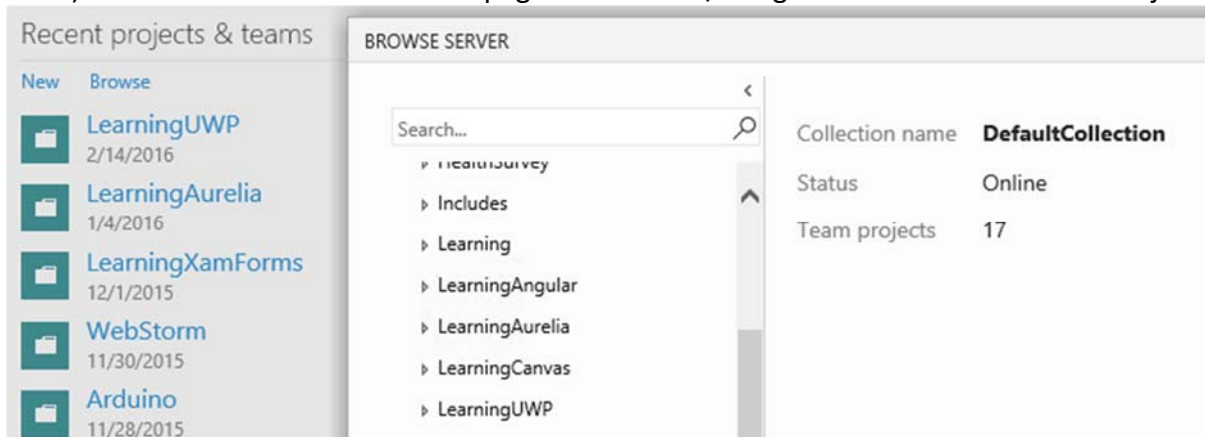
User name (primary)

User name (secondary)

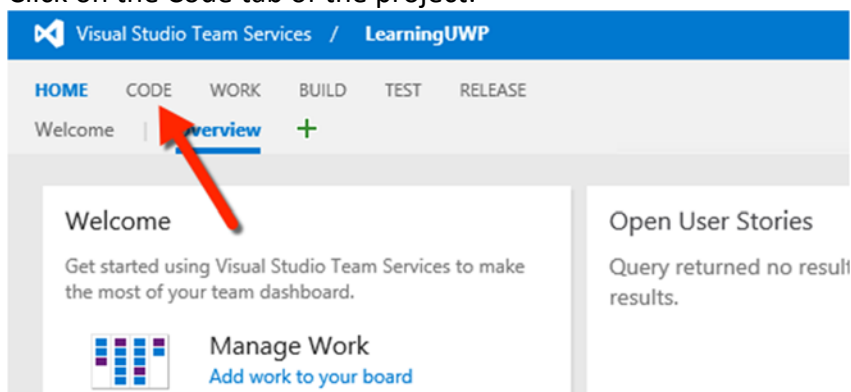
Password

Confirm Password

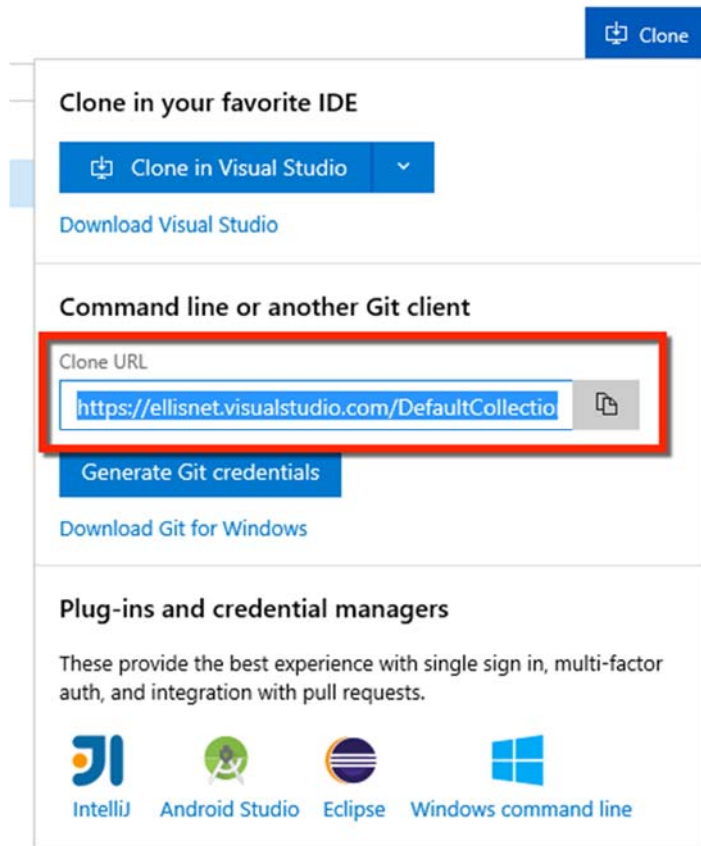
- 8) Head back to the VSTS home page and browse/navigate to a Git-based Team Project:



- 9) Click on the Code tab of the project:

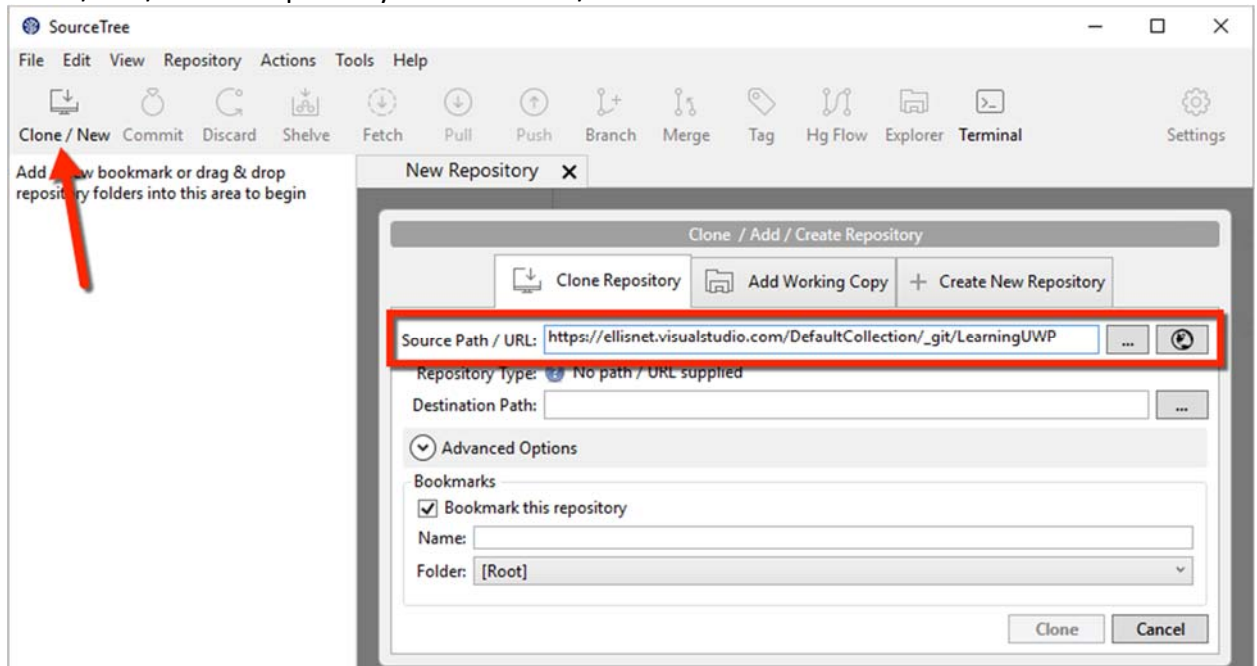


10) In the top right of the Code page, click on the Clone button to capture the Git repository URL for the Team Project:

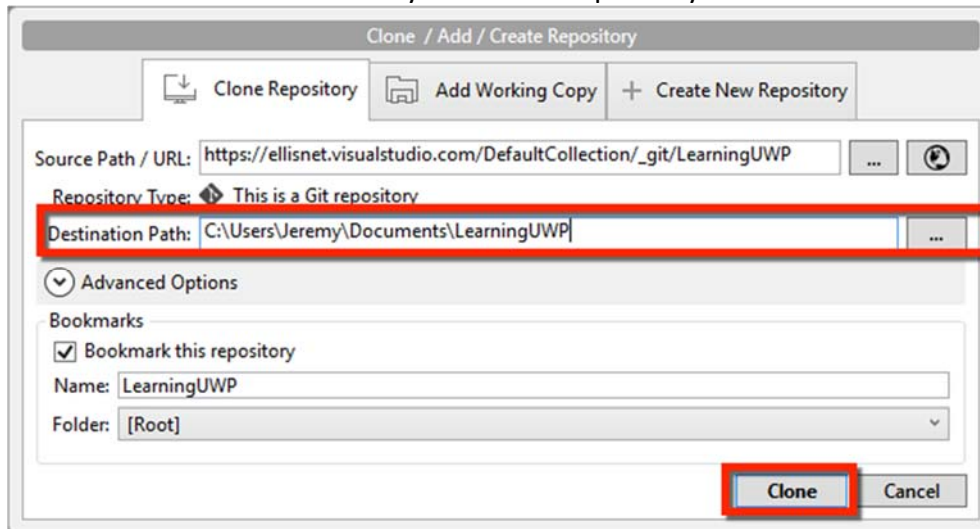


Part 2 – SourceTree:

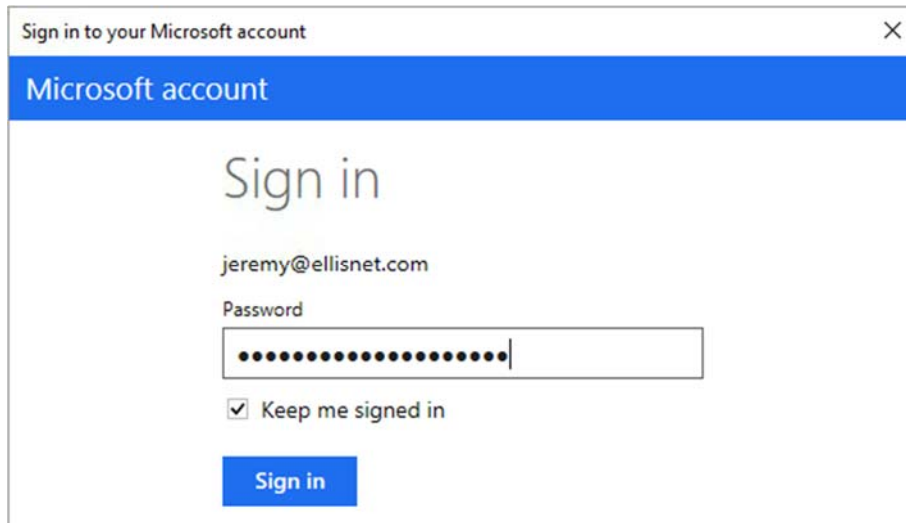
- 1) Click the Clone/New button and paste the Team Project URL (from VSTS) into the Clone/Add/Create Repository > Source Path/URL field:



- 2) Provide a Destination Path for your cloned repository and click the Clone button:



- 3) At some point, you should be prompted for your VSTS username/password (use the alternate password configured above) – or the Microsoft Account associated with your VSTS account:



The screenshot shows a standard Windows-style dialog box titled "Sign in to your Microsoft account" with a close button (X) in the top right corner. Below the title bar is a blue header with the text "Microsoft account". The main content area has a large "Sign in" heading. Underneath, the email address "jeremy@ellisnet.com" is displayed. Below the email is a "Password" label and a password input field filled with black dots. Under the password field is a checkbox labeled "Keep me signed in" which is checked. At the bottom is a blue "Sign in" button.

Done!

The steps for Part 2 may be slightly different for SourceTree for the Mac – let me know if you need steps/screenshots for that; I can document them – jeremy@ellisnet.com