# How to unregister test controller from team project collection using TFS APIs

## Introduction

This sample demonstrates how to unregister Test Controller from team project collection using TFS APIs.

## Running the Sample

Run the sample code from command prompt.

Provide the team project collection as an argument for the exe.

Then it will display the already registered test controllers with the team project collection.

Select the number against the controller which you want to unregister.

Then select number '2' which is for unregister operation.

TfsTeamProjectCollection ClassUsing the Code

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| -Code block start-  --C# code snippet start--  static void Main(string[] args)  {  if (args.Length != 1)  {  Console.Error.WriteLine("Usage: FindTestControllers <collectionUrl>");  Environment.Exit(-1);  }  string tfsUri = args[0];  int i = 0;  try  {  listController = new string[256];  using (TfsTeamProjectCollection collection = new TfsTeamProjectCollection(new Uri(tfsUri)))  {  testManagementService = collection.GetService<ITestManagementService>();  testControllers = testManagementService.TestControllers.Query();  foreach (var testController in testControllers)  {  i = i + 1;  Console.Out.Write(i);  Console.Out.Write(" ");  Console.Out.Write(testController.Name);  Console.Out.WriteLine();  listController[i - 1] = testController.Name;  }  // Select the controller which you want to manipulate  // So from the list, select the number 1, 2, or..  Console.Out.WriteLine("Select the controller you want to manipulate properties for..(select the number above)");  selectedController = Int32.Parse(Console.ReadLine());  Console.Out.WriteLine(listController[selectedController - 1]);  Console.Out.WriteLine("Select any of the below for manipulating the selected controller");  Console.Out.WriteLine("1 Register");  Console.Out.WriteLine("2 UnRegister");  Console.Out.WriteLine("3 Update");  int propertyManipulate = Int32.Parse(Console.ReadLine());  switch (propertyManipulate)  {  case 2:  selectedController = selectedController - 1;  int j = 0;  foreach (var testController in testControllers)  {  if (j == selectedController)  {  testController.Unregister();  break;  }  j = j + 1;  }  break;  case 3:  Console.WriteLine("Sorry..Not in the scope of current sample, will be implemented later");  break;  case 1:  Console.WriteLine("Sorry..Not in the scope of current sample, will be implemented later");  break;  }  }  }  catch (Exception e)  {  Console.WriteLine("Error while performing the operation: " + e.Message);  }  }  }  --C# code snippet end--  Insert other Programming Language Code Snippet here  -Code block end- |

## More Information

TfsTeamProjectCollection Class

<http://msdn.microsoft.com/en-us/library/microsoft.teamfoundation.client.tfsteamprojectcollection.aspx>

ITestManagementService Interface

<http://msdn.microsoft.com/en-us/library/microsoft.teamfoundation.testmanagement.client.itestmanagementservice.aspx>

ITestController Interface

<http://msdn.microsoft.com/en-us/library/microsoft.teamfoundation.testmanagement.client.itestcontroller.aspx>

Application Lifecycle Management with Visual Studio Team Foundation Server

<http://msdn.microsoft.com/library/vstudio/fda2bad5>

ITestManagementService.TestControllers Property

<http://msdn.microsoft.com/en-us/library/microsoft.teamfoundation.testmanagement.client.itestmanagementservice.testcontrollers.aspx>