# How to bulk update the HTML field (e.g. ReproSteps) for TFS workitems

## Introduction

How to do the bulk edit of the HTML fields in bug work item (e.g. ReproSteps) in TFS which cannot be done via excel as the HTML fields are considered as read-only in excel.

This sample will help you to update the HTML Field in workitem which otherwise is not possible to do.

## Running the Sample

This sample assumes that you have two HTML fields (e.g Microsft.VSTS.CMMI.StepsToReproduce and Microsft.VSTS.TCM.ReproSteps) in your Bug workitem.

With this sample you want to copy the value of Microsft.VSTS.CMMI.StepsToReproduce to Microsft.VSTS.TCM.ReproSteps

1. Import the bug IDs in an excel.

2. Modify the team project and path of excel in the code.

3. Run the application and provide your TFS server information.

## Using the Code

The following code snippet shows how to bulk update the HTML field for TFS workitems.

|  |
| --- |
| -Code block start-  --C# code snippet start--  static void Main(string[] args)  {  // Get the Uri to the project collection to use  var collectionUri = Helper.GetCollectionUri(args);  string tfsProjectName = "TestProj";  string tfsWorkItemType = "Bug";  try  {  // Get the work item store from the TeamFoundationServer  Console.WriteLine("Connecting to {0}...", collectionUri);  // Get a reference to the team project collection  using (var projectCollection = TfsTeamProjectCollectionFactory.GetTeamProjectCollection(collectionUri))  {  // NOTE: You have to replace the file path with yours.  string excelpath = @"C:\UpdateBug\BugWI.xlsx";  OleDbConnection Con = new OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=" + excelpath + ";Extended Properties=Excel 8.0");  Con.Open();  try  {  DataSet myDataSet = new DataSet();  OleDbDataAdapter myCommand = new OleDbDataAdapter(" SELECT \* FROM [Sheet1$]", Con);  myCommand.Fill(myDataSet);  for (int i = 2; i <= myDataSet.Tables[0].Rows.Count; i++)  {  WorkItemStore wit = (WorkItemStore)projectCollection.GetService(typeof(WorkItemStore));  WorkItemCollection result = wit.Query(String.Format("SELECT [System.Id] FROM WorkItems WHERE [System.TeamProject] = '{0}' AND [System.WorkItemType] = '{1}'", tfsProjectName, tfsWorkItemType));  List<WorkItem> affectedWorkItems = new List<WorkItem>();  int witid = int.Parse(myDataSet.Tables[0].Rows[i][0].ToString());  WorkItem bug = wit.GetWorkItem(12);  Field newReproSteps = bug.Fields["Microsoft.VSTS.CMMI.StepsToReproduce"];  Field reproSteps = bug.Fields["Microsoft.VSTS.TCM.ReproSteps"];  reproSteps.Value = newReproSteps.Value;  bug.Save();  }  }  catch (Exception e)  {  Console.WriteLine("Error: {0}", e.Message);  }  finally  {  Con.Close();  }  }  }  catch (Exception e)  {  Console.WriteLine("Error: {0}", e.Message);  }  }  --C# code snippet end--  Insert other Programming Language Code Snippet here  -Code block end- |

## More Information

TeamFoundationServer Class

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

TfsTeamProjectCollectionFactory Class

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

WorkItemStore Class

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

OleDbConnection Class

<http://msdn.microsoft.com/en-us/library/system.data.oledb.oledbconnection(v=vs.110).aspx>