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

## 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-  --VB code snippet start--  Public Shared Sub Main(args As String())  ' Get the Uri to the project collection to use  Dim collectionUri = Helper.GetCollectionUri(args)  Dim tfsProjectName As String = "TestProj"  Dim tfsWorkItemType As String = "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 projectCollection = TfsTeamProjectCollectionFactory.GetTeamProjectCollection(collectionUri)  ' NOTE: You have to replace the file path with yours.  Dim excelpath As String = "C:\UpdateBug\BugWI.xlsx"  Dim Con As New OleDbConnection((Convert.ToString("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=") & excelpath) + ";Extended Properties=Excel 8.0")  Con.Open()  Try  Dim myDataSet As New DataSet()  Dim myCommand As New OleDbDataAdapter(" SELECT \* FROM [Sheet1$]", Con)  myCommand.Fill(myDataSet)  For i As Integer = 2 To myDataSet.Tables(0).Rows.Count  Dim wit As WorkItemStore = DirectCast(projectCollection.GetService(GetType(WorkItemStore)), WorkItemStore)  Dim result As WorkItemCollection = wit.Query([String].Format("SELECT [System.Id] FROM WorkItems WHERE [System.TeamProject] = '{0}' AND [System.WorkItemType] = '{1}'", tfsProjectName, tfsWorkItemType))  Dim affectedWorkItems As New List(Of WorkItem)()  Dim witid As Integer = Integer.Parse(myDataSet.Tables(0).Rows(i)(0).ToString())  Dim bug As WorkItem = wit.GetWorkItem(12)  Dim newReproSteps As Field = bug.Fields("Microsoft.VSTS.CMMI.StepsToReproduce")  Dim reproSteps As Field = bug.Fields("Microsoft.VSTS.TCM.ReproSteps")  reproSteps.Value = newReproSteps.Value  bug.Save()  Next  Catch e As Exception  Console.WriteLine("Error: {0}", e.Message)  Finally  Con.Close()  End Try  End Using  Catch e As Exception  Console.WriteLine("Error: {0}", e.Message)  End Try  End Sub  --VB code snippet end--  Insert other Programming Language Code Snippet here  -Code block end- |