

KETIV

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```
Function SetupProjectAndTopAssembly() As Boolean
' This function checks to make sure a project doesn't already exist that the user is requesting
' It then sets up a folder structure, and does a "Save As" to create a new top-level assembly that will be used
' This first set of statements uses the Windows System object to create a folder structure for our files
Dim blnSetupSucceeded As Boolean = True
' This statement first checks to see if the folder already exists
' If it does already exist, it won't bother creating the folder again
If System.IO.Directory.Exists(PROJECT_PATH & PROJECT_ID) = False Then
    System.IO.Directory.CreateDirectory(PROJECT_PATH & PROJECT_ID)
    System.IO.Directory.CreateDirectory(PROJECT_PATH & PROJECT_ID & "\Tank Body Assy")
    System.IO.Directory.CreateDirectory(PROJECT_PATH & PROJECT_ID & "\Skid Assy")
    ' If user has configured a gunline, then create a folder to store its files
    If GUNLINE Then System.IO.Directory.CreateDirectory(PROJECT_PATH & PROJECT_ID & "\Gunline Assy")
    ' If a user have configured a sump, then create a folder to store its files
    If SUMP Then System.IO.Directory.CreateDirectory(PROJECT_PATH & PROJECT_ID & "\Sump Assy")
End If

' Now that we have our folder structure in place, we are ready to save the Master Assembly file
' It uses the path stored in the PROJECT_PATH parameter, and the PROJECT_ID to give the assembly a unique name
Dim sMasterAssy As String
sMasterAssy = PROJECT_PATH & PROJECT_ID & "\Tank Assembly - " & PROJECT_ID & ".iam"
' We first check to make sure the master assembly file doesn't already exist, then save it if it doesn't
If System.IO.File.Exists(sMasterAssy) = False Then
    ThisDoc.Document.SaveAs(sMasterAssy , False)
Else
    MessageBox.Show("Assembly Already Exists", "Master")
    iLogicForm.Show("Configure Tank")
    blnSetupSucceeded = False
End If
' Return whether or not we were successful creating the new folder structure and master assembly file
SetupProjectAndTopAssembly = blnSetupSucceeded
End Function
```