



Solutions Consultant
Manufacturing Division

AUTOMATING PROCESSES WITH LOGIC



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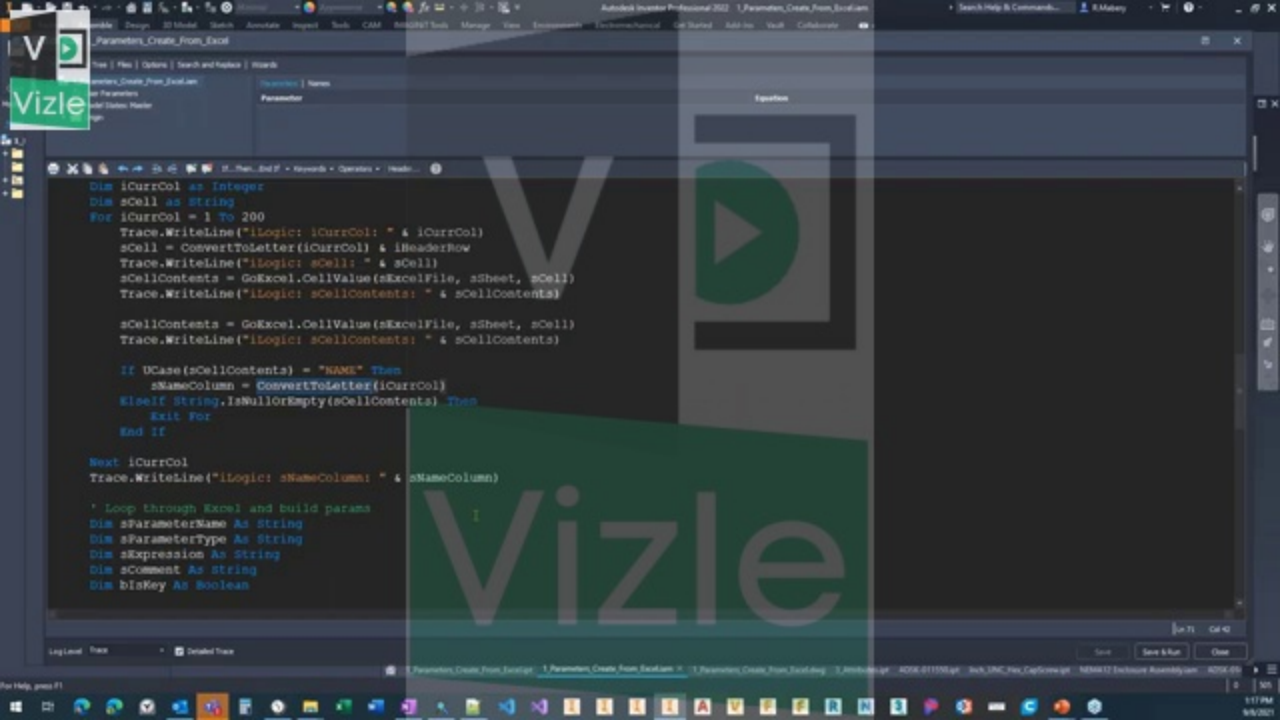
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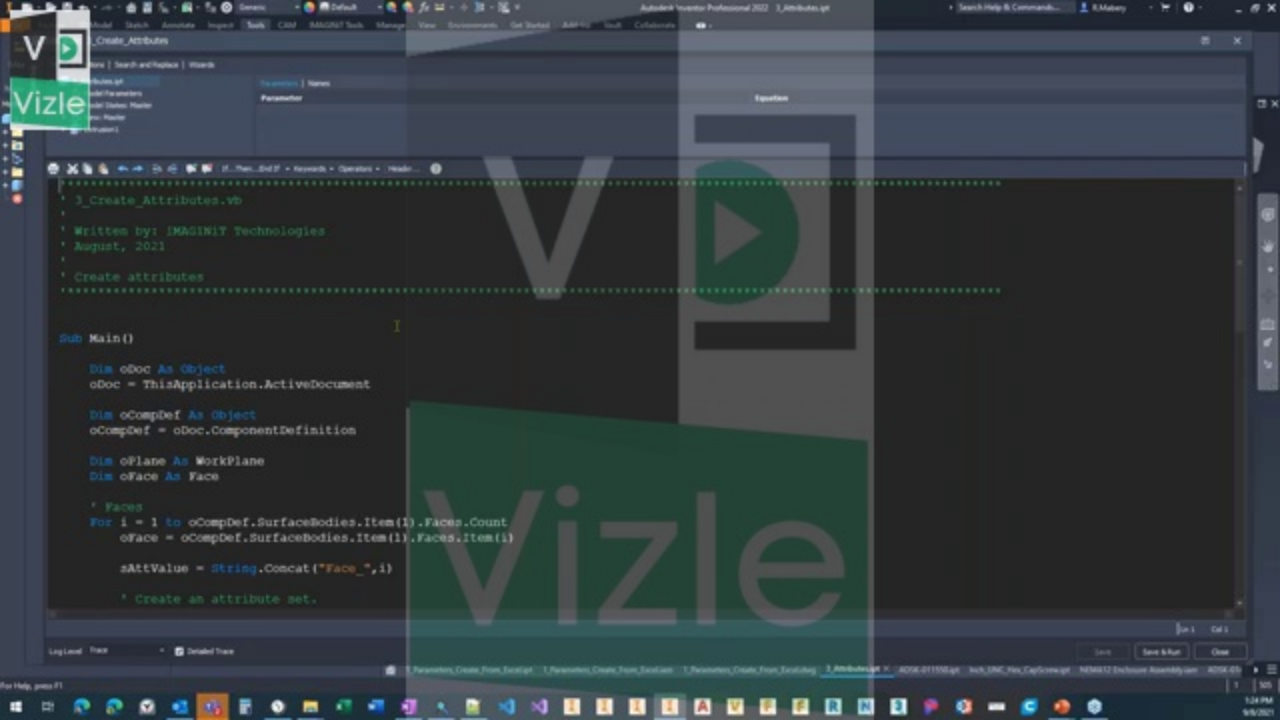
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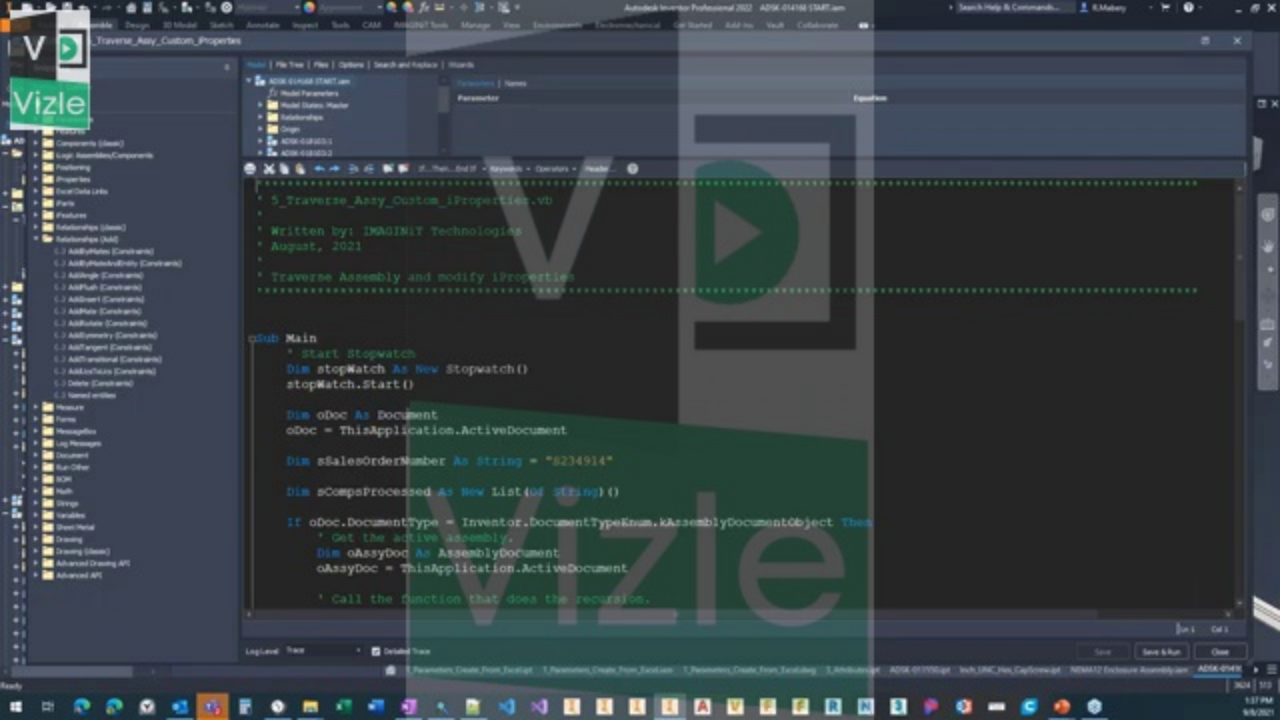
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```
' 1_Attributes.vb  
'  
' Written by: IMAGINiT Technologies  
' August, 2021  
' Create attributes  
'-----  
  
Sub Main()  
  
    Dim oDoc As Object  
    oDoc = ThisApplication.ActiveDocument  
  
    Dim oCompDef As Object  
    oCompDef = oDoc.ComponentDefinition  
  
    Dim oPlane As WorkPlane  
    Dim oFace As Face  
  
    ' Faces  
    For i = 1 To oCompDef.SurfaceBodies.Item(1).Faces.Count  
        oFace = oCompDef.SurfaceBodies.Item(1).Faces.Item(i)  
  
        sAttValue = String.Concat("Face_", i)  
  
        ' Create an attribute set.
```

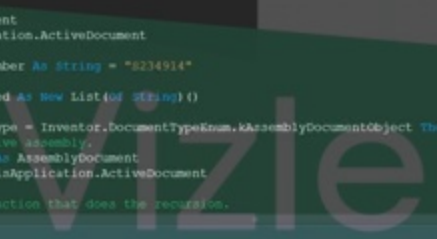
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Log Level: Trace

Text Save & Run Close



```
5_Traverse_Assembly_and_modify_iProperties.vb  
Written by: IMAGINiT Technologies  
August, 2021  
Traverse Assembly and modify iProperties  
  
Sub Main  
    Start Stopwatch  
    Dim stopWatch As New Stopwatch()  
    stopWatch.Start()  
  
    Dim oDoc As Document  
    oDoc = ThisApplication.ActiveDocument  
  
    Dim sSalesOrderNumber As String = "8234914"  
  
    Dim sCompsProcessed As New List(Of String)()  
  
    If oDoc.DocumentType = Inventor.DocumentTypeEnum.kAssemblyDocumentObject Then  
        Get the active assembly.  
        Dim oAssyDoc As AssemblyDocument  
        oAssyDoc = ThisApplication.ActiveDocument  
  
        Call the function that does the recursion.  
    End If  
End Sub
```





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