

dxf.vb - Editor

```
Datei Bearbeiten Format _  
If System.IO.File.Exists(temp_cgm) = True Then  
System.IO.File.Delete(temp_cgm)  
End If  
workPart.Modelingviews.WorkView.Fit()  
    s.ui.setStatus("Saving temporary Unigraphics part-file...")  
Dim partSaveStatus1 As PartSaveStatus  
thesession.Parts.Work.Save(Part.SaveComponents.True, Part.CloseAfterSave.False, partSaveStatus1)  
partSaveStatus1.Dispose()  
    s.ui.setStatus("starting conversion of temporary Unigraphics part-file...")  
If Not Directory.Exists("C:\dwg\" & Environment.UserName) Then  
Directory.CreateDirectory("C:\dwg\" & Environment.UserName)  
End If  
Dim dxfdwg As String = """" & Environ("UGII_BASE_DIR").ToString & "\dxfdwg\dxfdwg.exe"""  
Dim deffile As String = """"d="" & Environ("UGII_BASE_DIR").ToString & "\dxfdwg\dxfdwg.def"""  
Dim tempfile As String = """" & Environ("TEMP").ToString & "\" & RandomKey & ".prt"""  
Dim logfile As String = """"l="" & Environ("TEMP").ToString & "\" & RandomKey & ".log"""  
Dim outfile As String = """"o=C:\dwg\" & Environment.UserName & "\" & basename & ".dwg"""  
Dim mode As String = """"m=auto"""  
Dim args As String = tempfile & " " & outfile & " " & logfile & " " & deffile & " " & mode  
Dim convertcmd As New Process()  
Try  
convertcmd.StartInfo.FileName = dxfdwg  
convertcmd.StartInfo.Arguments = args  
convertcmd.StartInfo.WindowStyle = ProcessWindowStyle.Normal  
convertcmd.Start()  
Catch e As Win32Exception  
If e.NativeErrorCode = ERROR_FILE_NOT_FOUND Then  
System.Windows.Forms.MessageBox.Show((e.Message + ". Check the path."))  
Else  
If e.NativeErrorCode = ERROR_ACCESS_DENIED Then  
System.Windows.Forms.MessageBox.Show((e.Message + ". You do not have permission to save the destination file."))  
End If  
End If  
End Try  
convertcmd.WaitForExit()  
thesession.Parts.Work.Close(False, Part.CloseModified.CloseModified, Nothing)  
Dim oldworkPart As Part = CType(thesession.Parts.FindObject(dwName), Part)  
Dim partLoadStatus1 As PartLoadStatus  
Dim partCollection_SdpsStatus1 As PartCollection.SdpsStatus  
partCollection_SdpsStatus1 = thesession.Parts.SetDisplay(oldworkPart, True, True, partLoadStatus1)  
partLoadStatus1.Dispose()  
If System.IO.File.Exists(Environ("TEMP").ToString & "\" & RandomKey & ".log") = True Then  
System.IO.File.Delete(Environ("TEMP").ToString & "\" & RandomKey & ".log")  
End If  
If System.IO.File.Exists(Environ("TEMP").ToString & "\" & RandomKey & ".prt") = True Then  
System.IO.File.Delete(Environ("TEMP").ToString & "\" & RandomKey & ".prt")  
End If  
If System.IO.File.Exists("C:\dwg\" & Environment.UserName & "\" & basename & "_summary.log") = True Then  
System.IO.File.Delete("C:\dwg\" & Environment.UserName & "\" & basename & "_summary.log")  
End If  
If System.IO.File.Exists(partpath & "\" & basename & "_summary.log") = True Then  
System.IO.File.Delete(partpath & "\" & basename & "_summary.log")  
End If  
  
Else  
System.Windows.Forms.MessageBox.Show("You tried to export without a loaded Part. Please load a Part first!", "No Active Part Found", System.Windows.Forms.  
End If  
End Sub  
End Module  
  
'function to generate random string <= from http://www.codeproject.com
```