

```

Dim asmDoc As AssemblyDocument
Set asmDoc = ThisApplication.ActiveDocument

' Iterate through all of the referenced documents at
' all levels of the assembly.
Dim doc As Document
For Each doc In asmDoc.AllReferencedDocuments
    ' Check for part documents.
    If doc.DocumentType = kPartDocumentObject Then
        ' Call the function to create the stl file.
        Call StlCreate(doc)
    End If
Next

End Sub

Private Sub StlCreate(part As PartDocument)

    Dim fso As Object
    Set fso = CreateObject("Scripting.FileSystemObject")

    Dim ret As Variant
    Set dDoc = ThisApplication.ActiveDocument

    Dim oModNr As Inventor.Property
    Set oModNr = dDoc.PropertySets(4).Item("cv1")

    Dim oRevNr As Inventor.Property
    On Error Resume Next
    Set oRevNr = dDoc.PropertySets(4).Item("cv")

    If dDoc Is Nothing Then Exit Sub
    If Len(Trim(dDoc.FullFileName)) > 0 Then
        If oRevNr Is Nothing Then
            Dim FullDocName As String
            oFullDocName = dDoc.FullDocumentName
            Dim oArray() As String
            oArray = Split(oFullDocName, "\")
            Dim sName As String
            sName = oArray(LBound(oArray))
            sName = Left(sName, Len(sName) - 4)
            outfile = "C:\NC\TEILE" & "\" & sName & ".stl"
        Else
            outfile = "C:\NC\TEILE" & "\" & oModNr.Value & "_" & oRevNr.Value & ".stl"
        End If
        dDoc.SaveAs outfile, True
    Else
        MsgBox "Erst Speichern", vbInformation
    End If
    MsgBox "STL wurde erfolgreich unter - C:\NC\TEILE - gespeichert"

End Sub

```

Aufruf der
Prozedur mit
Bauteildokument

Hier das
Bauteildokument

Hier wird der
Bezug zum aktiven
Dokument
hergestellt, also zu
Baugruppe!

Hier wird die
Baugruppe
gespeichert!
Nicht das Bauteil!

End Sub