

'This iLogic code is from Luke Davenport's Cadline Blog - (See explanation in comments below)

```
'Start of iLogic code
'Note to self -
'Remember to subscribe To Luke Davenport's blog and follow him on Twitter @LukeCadline
' This rule will 'Stabilise' the first level assembly browser nodes by renaming them and then
' renaming back to the previous node name. It can be run at any point in the design process,
' before any copying of assemblies is done, and the post-copied assembly browser nodes will remain
' unchanged - (allowing iLogic rules to function)
' Check this file is an assembly
Checkdoc = ThisDoc.ModelDocument
If Checkdoc.DocumentType <> kAssemblyDocumentObject Then
MessageBox.Show("This rule can only be run in an assembly file!", "Cadline iLogic")
Return
End If
Dim doc As Document
Dim oDef As AssemblyComponentDefinition = Checkdoc.ComponentDefinition
Dim oCompOcc As Inventor.ComponentOccurrence
Count = 1
For Each oCompOcc In oDef.Occurrences
If oCompOcc.Suppresseed = False Then
doc = oCompOcc.Definition.Document
' Store current component name
CurrentName = oCompOcc.Name
' Set a random name for occurrence
oCompOcc.Name = Count & "LJD_Rename"
' Update
InventorVb.DocumentUpdate ()
' Reset component name to previous name
oCompOcc.Name = CurrentName
End If
Count = Count + 1
Next
```