
Code VBA Save AS

Posted by Danny Gagnon (maccam) - 2008/11/29 12:50

Option Explicit

Private oDoc As Document

Public Sub SaveasDwg()

```
    Set oDoc = ThisApplication.ActiveDocument

    If oDoc.DocumentType = kDrawingDocumentObject Then
        Exit Sub
    End If
    Dim addIns As ApplicationAddIns

    Set addIns = oDoc.Parent.ApplicationAddIns

    Dim dwgAddIn As TranslatorAddIn
    Dim i As Integer
    For i = 1 To addIns.Count
        If addIns(i).AddInType = kTranslationApplicationAddIn Then
            If addIns(i).Description = "Autodesk Internal DWG Translator" Then
                Set dwgAddIn = addIns.Item(i)
                Exit For
            End If
        End If
    Next i

    'Activate AddIns
    dwgAddIn.Activate
    Dim fname As String
    fname = oDoc.FullFileName
    fname = Left(fname, Len(fname) - 3) & ".dwg"
    Dim iPath As Integer
    Dim sPath As String
    iPath = InStrRev(fname, "\")
    sPath = Left(fname, iPath)
    Call createDWG(oDoc.Parent, dwgAddIn, fname, sPath)
```

End Sub

Private Sub createDWG(oApp As Object, dwgAddIn As TranslatorAddIn, fname As String, sPath As String)

```
    Dim map As NameValueMap
    Dim context As TranslationContext
    Dim trans As TransientObjects
    Set trans = oApp.TransientObjects
    Set map = trans.CreateNameValueMap
    Set context = trans.CreateTranslationContext
    context.Type = kFileBrowseIOMechanism
    Dim b As Boolean
    Dim file As DataMedium
    Set file = trans.CreateDataMedium

    b = dwgAddIn.HasSaveCopyAsOptions(file, context, map)

    file.FileName = fname
    'specify ini file from where the setting will be pickup

    map.Value("Export_Acad_IniFile") = sPath & ".dwgconfig.ini"
    dwgAddIn.SaveCopyAs oApp.ActiveDocument, context, map, file
```

End Sub

```

Public Sub SaveAsDXF()

    Set oDoc = ThisApplication.ActiveDocument

    If oDoc.DocumentType = kDrawingDocumentObject Then
        Exit Sub
    End If
    Dim addIns As ApplicationAddIns

    Set addIns = oDoc.Parent.ApplicationAddIns

    Dim dxfAddIn As TranslatorAddIn
    Dim i As Integer
    For i = 1 To addIns.Count
        If addIns(i).AddInType = kTranslationApplicationAddIn Then
            If addIns(i).Description = "Autodesk Internal DXF Translator" Then
                Set dxfAddIn = addIns.Item(i)
                Exit For
            End If
        End If
    End For
    Next i

    'Activate AddIns
    dxfAddIn.Activate
    Dim fname As String
    fname = oDoc.FullFileName
    fname = Left(fname, Len(fname) - 3) & ".dxf"
    Dim iPath As Integer
    Dim sPath As String
    iPath = InStrRev(fname, "\")
    sPath = Left(fname, iPath)
    Call createDXF(oDoc.Parent, dxfAddIn, fname, sPath)
    Close (False)

End Sub

Private Sub createDXF(oApp As Object, dxfAddIn As TranslatorAddIn, fname As String, sPath As String)

    Dim map As NameValueMap
    Dim context As TranslationContext
    Dim trans As TransientObjects
    Set trans = oApp.TransientObjects
    Set map = trans.CreateNameValueMap
    Set context = trans.CreateTranslationContext
    context.Type = kFileBrowseIOMechanism
    Dim b As Boolean
    Dim file As DataMedium
    Set file = trans.CreateDataMedium

    b = dxfAddIn.HasSaveCopyAsOptions(file, context, map)

    file.FileName = fname
    'specify ini file from where the setting will be pickup

    'map.Value("Export_Acad_IniFile") = sPath & ".dxfconfig.ini"
    dxfAddIn.SaveCopyAs oApp.ActiveDocument, context, map, file

End Sub

Public Sub SaveAsBMP()

    Set oDoc = ThisApplication.ActiveDocument

```

```
If oDoc.DocumentType 12290 And _  
    oDoc.DocumentType 12291 And _  
    oDoc.DocumentType 12292 And _  
    oDoc.DocumentType 12293 Then  
    Exit Sub  
End If
```

```
Saveas "bmp"
```

```
End Sub
```

```
Public Sub SaveAsDWF()
```

```
    Set oDoc = ThisApplication.ActiveDocument
```

```
    If oDoc.DocumentType 12292 Then  
        Exit Sub  
    End If
```

```
    Saveas "dwf"
```

```
End Sub
```

```
Public Sub SaveAsDWP()
```

```
    Set oDoc = ThisApplication.ActiveDocument
```

```
    If oDoc.DocumentType 12292 Then  
        Exit Sub  
    End If
```

```
    Saveas "dwp"
```

```
End Sub
```

```
Public Sub SaveAsXML()
```

```
    Set oDoc = ThisApplication.ActiveDocument
```

```
    If oDoc.DocumentType 12290 And _  
        oDoc.DocumentType 12291 And _  
        oDoc.DocumentType 12292 And _  
        oDoc.DocumentType 12293 Then  
        Exit Sub  
    End If
```

```
    Saveas "xml"
```

```
End Sub
```

```
Public Sub SaveAsIGS()
```

```
    Set oDoc = ThisApplication.ActiveDocument
```

```
    If oDoc.DocumentType 12290 And _  
        oDoc.DocumentType 12291 Then  
        Exit Sub  
    End If
```

```
    Saveas "igs"
```

```
End Sub
```

```
Public Sub SaveAsSAT()
```

```
Set oDoc = ThisApplication.ActiveDocument

If oDoc.DocumentType = 12290 And _
    oDoc.DocumentType = 12291 Then
    Exit Sub
End If

Saveas "sat"

End Sub

Public Sub SaveAsSTP()

    Set oDoc = ThisApplication.ActiveDocument

    If oDoc.DocumentType = 12290 And _
        oDoc.DocumentType = 12291 Then
        Exit Sub
    End If

    Saveas "stp"

End Sub

Public Sub SaveAsSTL()

    Set oDoc = ThisApplication.ActiveDocument

    If oDoc.DocumentType = 12290 Then
        Exit Sub
    End If

    Saveas "stl"

End Sub

Public Sub SaveAsPTP()

    Set oDoc = ThisApplication.ActiveDocument

    If oDoc.DocumentType = 12290 Then
        Exit Sub
    End If

    Saveas "ptp"

End Sub

Public Sub SaveAsXGL()

    Set oDoc = ThisApplication.ActiveDocument

    If oDoc.DocumentType = 12290 And _
        oDoc.DocumentType = 12291 Then
        Exit Sub
    End If

    Saveas "xgl"

End Sub

Public Sub SaveAsZGL()

    Set oDoc = ThisApplication.ActiveDocument
```

```
If oDoc.DocumentType 12290 And _
    oDoc.DocumentType 12291 Then
    Exit Sub
End If
```

```
Saveas "zgl"
:)
End Sub
```

```
Public Sub SaveAsAMP()
```

```
Set oDoc = ThisApplication.ActiveDocument
```

```
If oDoc.DocumentType 12291 Then
    Exit Sub
End If
```

```
Saveas "amp"
```

```
End Sub
```

```
Public Sub SaveAsPNP()
```

```
Set oDoc = ThisApplication.ActiveDocument
```

```
If oDoc.DocumentType 12293 Then
    Exit Sub
End If
```

```
Saveas "pnp"
```

```
End Sub
```

Re:Code VBA Save AS

Posted by PLMénard - 2008/12/01 09:04

save as?... j'ai pas toute lus.. mais en resumé il fait quoi de plus?..

Re:Code VBA Save AS

Posted by maccam - 2008/12/01 14:06

salut

avec ce code, tu peux te créé un bouton pour tout sorte de Save As.... il vas exporté ta piece ou assemblage en fichier SAT ou DWG ou ect.... dans le meme dossier ou ce trouve le fichier original.....

rentrez ce code dans le VBA ensuite créé vous une image de 16px par 16px dans le dossier (\Autodesk\Inventor 2009\Bin\Macros) nommé la comme suis...
(SaveAs_Open.SaveAsSAT.Small.bmp)

SaveAs ; es le nom du module VBA (par défaut module.1)
SaveAsSat ; est le nom de la macro
Small veux dire que c'est l'image de l'icone

il reste ensuite a chercher l'icone dans customize....

Maccam

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