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Rem =====
Rem  A_Entrance OOoBasic Program (Copyright:Shuichi Sunaga)
Rem  (Ver. 2005/10/31)(06/01/31: 202) (2008/10/13 : 327)
Rem  (2009/09/21 : 349) Move DeleteRow to AI(2012/05/08:221)
Rem  Deleted steps to verify end of effective period(2012/08/07:167)

Rem =====
Rem Sub OnOpen()
Rem Sub IntroTo3D()
Rem Sub DefWk() .....Combined DefWSList from OOoTA(2008/10/13)
Rem Sub ProtUnProtect()
Rem Sub ProUnToggle(sPU%)
Rem Function IsPLMember(WKWK As Object) As Boolean
Rem Sub FilterShow()
Rem Sub MakeRowVisible()
Rem Sub PaintCell()
Rem =====
Option Explicit
Sub OnOpen()
    BasicLibraries.LoadLibrary("OOo3D")
    BasicLibraries.LoadLibrary("Standard")
    DialogLibraries.LoadLibrary("OOo3D")
    RegisterMouseHdlr()
End Sub
Sub IntroTo3D()
    dim oCell as Object
    dim oProcessServiceManager as Object
    dim GetCoName$
    Set dispatcher = createUnoService("com.sun.star.frame.DispatchHelper")
    BasicLibraries.LoadLibrary("OOo3D")
    BasicLibraries.LoadLibrary("Standard")
    DialogLibraries.LoadLibrary("OOo3D")
    Set aController = ThisComponent.CurrentController
    Set oSheets = ThisComponent.Sheets
    Rem -----Test 1 (Company Name)-----
    Set WkBS = oSheets.getByNamed("BS")
    Set WkCL = oSheets.getByNamed("CL")
    oCell=WkCL.getCellByPosition(1, 1)
    GetCoName$ = trim(oCell.String)
    If CoName <> GetCoName$ then
        aController.ActiveSheet = WkCL
        aController.Select(oCell)
        if myIsEmpty(WkCL, 2, 2) then
            MsgTxt$ = "Your company name is not input in the cell A2 on CL sheet."
        else
            MsgTxt$ = "Disagrrement found between company names on the macro " & chr(13)
            MsgTxt$ = MsgTxt$ & "sheet VZ and in cell A2 of CL sheet"
        end if
        resp% = MsgBox(MsgTxt$, 0, "OOo3D Accounting System")
    End
End If
oProcessServiceManager = GetProcessServiceManager()
Set oFunctionAccess = oProcessServiceManager.createInstance("com.sun.star.sheet.FunctionAccess")
DefWk()
GetFiscalDates()
Set aSheet = aController.ActiveSheet
aName$ = aSheet.getName()
End Sub
Sub DefWk()
    dim i%, DptCol%
    Set WkPL = oSheets.getByNamed("PL")
    Set WkCF = oSheets.getByNamed("CF")
    Set WkLN = oSheets.getByNamed("Lense")
    Set WkAN = oSheets.getByNamed("ANL")
    Set WkBK = oSheets.getByNamed("BK")
    Set oBKSDesc = WkBK.createSearchDescriptor()
    Set WkJV = oSheets.getByNamed("JV")
    Set oJVSDesc = WkJV.createSearchDescriptor()
    If APUse then
        Set WkAP = oSheets.getByNamed("AP")
    
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1 Rem =====
2 Rem  A_Entrance Excel VBA Program (Copyright:Shuichi Sunaga)
3 Rem  (Ver. 2011/07/05:309行)
4 Rem  Moved DeleteRow to AI(Ver. 2012/04/24:163行)
5 Rem  Deleted steps to verify end of effective period(2012/08/07:149)
6 Rem  Translation to English(2012/08/09:149)
7 Rem =====
8 Rem Sub auto_open()
9 Rem Sub IntroTo3D()
10 Rem Sub DefWk() .....Combined DefWSList from OOoTA(2008/10/13)
11 Rem Sub ProtUnProtect()
12 Rem Sub ProUnToggle(sPU%)
13 Rem Function IsPLMember(WKWK As Object) As Boolean
14 Rem Sub FilterShow()
15 Rem Sub MakeRowVisible()
16 Rem Sub PaintCell()
17 Rem =====
18 Option Explicit
19 Sub auto_open()
20
21
22
23     Rem RegisterMouseHdlr()
24 End Sub
25 Sub IntroTo3D()
26
27
28     Dim GetCoName$
29
30
31
32
33
34
35     Rem -----Test 1 (Company Name)-----
36     Set WkBS = Workbooks(GLName).Worksheets("BS")
37     Set WkCL = Workbooks(GLName).Worksheets("CL")
38
39     GetCoName$ = Trim(WkCL.Cells(2, 2).Value)
40     If CoName <> GetCoName$ Then
41         WkCL.Activate
42         Cells(1, 1).Select
43         If myIsEmpty(WkCL, 2, 2) Then
44             MsgTxt$ = "Your company name is not input in the cell A2 on CL sheet."
45         Else
46             MsgTxt$ = "Disagrrement found between company names on the macro " &
47             MsgTxt$ = MsgTxt$ & "sheet VZ and in cell A2 of CL sheet"
48         End If
49         resp% = MsgBox(MsgTxt$, 0, "OOo3D Accounting System")
50     End
51 End If
52
53
54     DefWk
55     GetFiscalDates
56     Set aSheet = ActiveSheet
57     aName$ = aSheet.Name
58 End Sub
59 Sub DefWk()
60     Dim i%, DptCol%
61     Set WkPL = Workbooks(GLName).Worksheets("PL")
62     Set WkCF = Workbooks(GLName).Worksheets("CF")
63     Set WkLN = Workbooks(GLName).Worksheets("Lense")
64     Set WkAN = Workbooks(GLName).Worksheets("ANL")
65     Set WkBK = Workbooks(GLName).Worksheets("BK")
66
67     Set WkJV = Workbooks(GLName).Worksheets("JV")
68
69     If APUse Then
70         Set WkAP = Workbooks(GLName).Worksheets("AP")
    
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        Set oAPSDesc = WkAP.createSearchDescriptor()
    End If
    If ARUse then
        Set WkAR = oSheets.getByName("AR")
        Set oARSDesc = WkAR.createSearchDescriptor()
    End If
    If MWUse then
        Set WkMW = oSheets.getByName("MW")
        Set oMWSDesc = WkMW.createSearchDescriptor()
    End If
    If SvCUse then
        Set WkPJ = oSheets.getByName("SvC")
    End If
    Rem -----
    Dpt$(0) = "PL"
    Set WkDpt(0) = WkPL
    If IsMultiDP Then
        Dpt$(NumDpt+1) = "DPT"
        Set WkDpt(NumDpt+1) = oSheets.getByName("DPT")
        DptCol% = Col_InArray%("BK", "Amount")
        For i% = 1 To NumDpt
            Dpt$(i%) = CellString(WkBK, CNRow%, DptCol%+i%)
            Set WkDpt(i%) = oSheets.getByName(Dpt$(i%))
        Next i%
    End If
End Sub
Sub ProtUnProtect()
    IntroTo3D
    ProUnToggle (0)
End Sub
Sub ProUnToggle(sPU%)
    Dim i%
    If IsPLMember(aSheet) Then
        If aSheet.IsProtected() = True Or sPU% = 888 then
            For i% = 0 To NumDpt
                WkDpt(i).UnProtect("pwd")
            Next i%
        Else
            For i% = 0 To NumDpt
                WkDpt(i).Protect("pwd")
            Next i%
        End If
    Else
        If aSheet.IsProtected() = True Or sPU% = 888 Then
            aSheet.Unprotect ("pwd")
        Else
            aSheet.Protect ("pwd")
        End If
    End If
    If sPU%=0 Then
        If aSheet.IsProtected() then
            MsgTxt$ = "Now, this sheet is PROTECTED."
        Else
            MsgTxt$ = "Now, this sheet is UNPROTECTED."
        End If
        MsgTtl$ = "Status of Sheet protection"
        msgbox(MsgTxt$, 0, MsgTtl$)
    End If
End Sub
Function IsPLMember(WkWK As Object) As Boolean
    Dim i%
    IsPLMember = False
    If IsMultiDP Then
        For i% = 0 To NumDpt
            If UCase(WkWk.Name) = UCase(Dpt$(i%)) Then
                IsPLMember = True
                Exit For
            End If
        Next i%
    End If
End If

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71
72 End If
73 If ARUse Then
74     Set WkAR = Workbooks(GLName).Worksheets("AR")
75
76 End If
77 If MWUse Then
78     Set WkMW = Workbooks(GLName).Worksheets("MW")
79
80 End If
81 If SvCUse Then
82     Set WkPJ = Workbooks(GLName).Worksheets("SvC")
83
84 End If
85 Rem -----
86 Dpt$(0) = "PL"
87 Set WkDpt(0) = WkPL
88 If IsMultiDP Then
89     Dpt$(NumDpt + 1) = "DPT"
90     Set WkDpt(NumDpt + 1) = Workbooks(GLName).Worksheets("DPT")
91     DptCol% = Col_InArray%("BK", "Amount")
92     For i% = 1 To NumDpt
93         Dpt$(i%) = CellString(WkBK, CNRow%, DptCol% + i%)
94         Set WkDpt(i%) = Workbooks(GLName).Worksheets(Dpt$(i%))
95     Next i%
96 End If
97 End Sub
98 Sub ProtUnProtect()
99     IntroTo3D
100     ProUnToggle (0)
101 End Sub
102 Sub ProUnToggle(sPU%)
103     Dim i%
104     If IsPLMember(aSheet) Then
105         If aSheet.ProtectContents = True Or sPU% = 888 Then
106             For i% = 0 To NumDpt
107                 WkDpt(i).Unprotect ("pwd")
108             Next i%
109         Else
110             For i% = 0 To NumDpt
111                 WkDpt(i).Protect ("pwd")
112             Next i%
113         End If
114     Else
115         If aSheet.ProtectContents = True Or sPU% = 888 Then
116             aSheet.Unprotect ("pwd")
117         Else
118             aSheet.Protect ("pwd")
119         End If
120     End If
121     If sPU% = 0 Then
122         If aSheet.ProtectContents = True Then
123             MsgTxt$ = "Now, this sheet is PROTECTED."
124         Else
125             MsgTxt$ = "Now, this sheet is UNPROTECTED."
126         End If
127         MsgTtl$ = "Status of Sheet protection"
128         resp% = MsgBox(MsgTxt$, vbOKOnly, MsgTtl$)
129     End If
130 End Sub
131 Function IsPLMember(WkWK As Worksheet) As Boolean
132     Dim i%
133     IsPLMember = False
134     If IsMultiDP Then
135         For i% = 0 To NumDpt
136             If UCase(WkWk.Name) = UCase(Dpt$(i%)) Then
137                 IsPLMember = True
138                 Exit For
139             End If
140         Next i%
141     End If

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End Function
Sub FilterShow()
    IntroTo3D()
    If iWS%(aSheet.getName()) <= 4 Then
        SelectCell(1, SelectionColumn%())
        MakeRowVisible()
    End If
End Sub
Sub MakeRowVisible()
    dim oRange as object
    aSheet.UnProtect("pwd")
    Set oRange = aSheet.getCellByPosition(1, SelectionRow&() - 1)
    If oRange.Rows.IsVisible = True then
        oRange.Rows.IsVisible = False
    Else
        oRange.Rows.IsVisible = True
    End If
    aSheet.Protect("pwd")
End Sub
Sub PaintCell() 'Color or discolor the background of the current cell
    dim oRange as object
    Set oRange = aSheet.getCellByPosition(SelectionColumn%() - 1, SelectionRow&() - 1)
    If oRange.CellBackColor <> RGB(50,205,50) then
        oRange.CellBackColor = RGB(50,205,50)
    Else
        oRange.CellBackColor = RGB(255,255,255)
    End If
End Sub

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141 End Function
142 Sub FilterShow()
143     IntroTo3D
144     If iWS%(aSheet.Name) <= 4 Then
145         Cells(1, SelectionColumn%).Select
146         MakeRowVisible
147     End If
148 End Sub
149 Sub MakeRowVisible()
150     Dim oRange As Rows
151     aSheet.Unprotect ("pwd")
152     Set oRange = aSheet.Rows(SelectionRow)
153     If oRange.Hidden = False Then
154         oRange.Hidden = True
155     Else
156         oRange.Hidden = False
157     End If
158     aSheet.Protect ("pwd")
159 End Sub
160 Sub PaintCell() 'Color or discolor the background of the current cell
161     Dim oRange As Range
162     Set oRange = aSheet.Range(Cells(SelectionRow, SelectionColumn))
163     If oRange.Interior.Color <> RGB(50, 205, 50) Then
164         oRange.Interior.Color = RGB(50, 205, 50)
165     Else
166         oRange.Interior.Color = RGB(255, 255, 255)
167     End If
168 End Sub

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