Private Sub Workbook\_BeforeSave(ByVal SaveAsUI As Boolean, Cancel As Boolean)

 With Me

 ' If MsgBox("Gem en back-up?", vbYesNo + vbQuestion + vbDefaultButton1, "Back-up") = vbYes Then

 .SaveCopyAs .Path & "\" & Format(Now, "DDMMYYYY\_HHMMSS\_") & .Name

 'End If

 End With

End Sub

+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

'\*\*\*Copyright Allan Thustrup Mortensen - Excel-regneark.dk \*\*\*

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Option Explicit

Private Const LogFilNavn = "brugere.log" 'Logfilen navngives som standard: filnavn\_brugere.log

Private Const LogFilPlacering = "" 'Hvis tom, gemmes i samme mappe som moderfilen, ellers HUSK at afslutte stien med backslash

Private Const Gem = True 'Skal 'gem' indgå i logfilen

Private Const Åben = True 'Skal 'åben' indgå i logfilen

Private Const Luk = True 'Skal 'luk' indgå i logfilen

Private Const Udskriv = True 'Skal 'udskriv' indgå i logfilen

Private Const Ændring\_i\_Celle = True 'Skal ændringer i cellers tekst eller værdier indgå i logfilen

Private Const Ændring\_i\_Formel = True 'Skal ændringer i formler indgå i logfilen

Private Const AktiveFane = True 'Skal faneskift indgå i logfilen

Private Const OutputFormat\_txt = False 'Tid og datofelter skal logges i deres oprindelige format.

Private Const SkjulLogfil = False 'Sæt denne til 'True' hvis du ønsker at markere logfilen som skjult i filsystemet

Private Const SkrivebeskytLogfil = False 'Sæt denne til 'True' hvis du ønsker at skrivebeskytte logfilen

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public GammelVærdi As Variant

Public GammelFormel As Variant

Public HarFormel As Boolean

#If Win64 Then

 Private Declare PtrSafe Function GetUserName Lib "advapi32.dll" Alias "GetUserNameA" (ByVal lpBuffer As String, nSize As Long) As Long

#Else

 Private Declare Function GetUserName Lib "advapi32.dll" Alias "GetUserNameA" (ByVal lpBuffer As String, nSize As Long) As Long

#End If

Private Sub Workbook\_BeforeClose(Cancel As Boolean)

If Gem = True Then

 On Error Resume Next

 Call SetFilegenskaber(False)

 If LogFilPlacering = "" Then

 Open ThisWorkbook.Path & Application.PathSeparator & ThisWorkbook.Name & "\_" & LogFilNavn For Append As #1

 Else

 Open LogFilPlacering & ThisWorkbook.Name & "\_" & LogFilNavn For Append As #1

 End If

 Print #1, Brugernavn, "LUK", Now, ThisWorkbook.FullName

 Close #1

 Call SetFilegenskaber(True)

End If

End Sub

Private Sub Workbook\_BeforePrint(Cancel As Boolean)

If Udskriv = True Then

 On Error Resume Next

 Call SetFilegenskaber(False)

 If LogFilPlacering = "" Then

 Open ThisWorkbook.Path & Application.PathSeparator & ThisWorkbook.Name & "\_" & LogFilNavn For Append As #1

 Else

 Open LogFilPlacering & ThisWorkbook.Name & "\_" & LogFilNavn For Append As #1

 End If

 Print #1, Brugernavn, "Udskriv", Now

 Close #1

 Call SetFilegenskaber(True)

End If

End Sub

Private Sub Workbook\_BeforeSave(ByVal SaveAsUI As Boolean, Cancel As Boolean)

If Gem = True Then

 On Error Resume Next

 If ThisWorkbook.Saved = False Then

 Call SetFilegenskaber(False)

 If LogFilPlacering = "" Then

 Open ThisWorkbook.Path & Application.PathSeparator & ThisWorkbook.Name & "\_" & LogFilNavn For Append As #1

 Else

 Open LogFilPlacering & ThisWorkbook.Name & "\_" & LogFilNavn For Append As #1

 End If

 Print #1, Brugernavn, "GEM", Now

 Close #1

 End If

 Call SetFilegenskaber(True)

End If

End Sub

Private Sub Workbook\_Open()

If Åben = True Then

 On Error Resume Next

 Call SetFilegenskaber(False)

 If LogFilPlacering = "" Then

 Open ThisWorkbook.Path & Application.PathSeparator & ThisWorkbook.Name & "\_" & LogFilNavn For Append As #1

 Else

 Open LogFilPlacering & ThisWorkbook.Name & "\_" & LogFilNavn For Append As #1

 End If

 Print #1, Brugernavn, "ÅBEN", Now, ThisWorkbook.FullName

 Close #1

 Call SetFilegenskaber(True)

End If

End Sub

Private Sub Workbook\_SheetActivate(ByVal Sh As Object)

On Error Resume Next

If AktiveFane = True Then

 Call SetFilegenskaber(False)

 If LogFilPlacering = "" Then

 Open ThisWorkbook.Path & Application.PathSeparator & ThisWorkbook.Name & "\_" & LogFilNavn For Append As #1

 Else

 Open LogFilPlacering & ThisWorkbook.Name & "\_" & LogFilNavn For Append As #1

 End If

 Print #1, Brugernavn, "Aktiv fane ", Now, Sh.Name

 Close #1

 Call SetFilegenskaber(True)

End If

End Sub

Private Sub Workbook\_SheetChange(ByVal Sh As Object, ByVal Target As Range)

On Error Resume Next

If Ændring\_i\_Celle = True Then

 Call SetFilegenskaber(False)

 If LogFilPlacering = "" Then

 Open ThisWorkbook.Path & Application.PathSeparator & ThisWorkbook.Name & "\_" & LogFilNavn For Append As #1

 Else

 Open LogFilPlacering & ThisWorkbook.Name & "\_" & LogFilNavn For Append As #1

 End If

 If Ændring\_i\_Formel = True Then

 If Target.HasFormula Then

 If HarFormel = True And Target.FormulaLocal <> GammelFormel Then Print #1, Brugernavn, "Ændring", Now, ActiveSheet.Name & " " & Target.Address(False, False), "Fra: " & GammelFormel, "Til: " & Target.FormulaLocal

 If HarFormel = False Then Print #1, Brugernavn, "Ændring", Now, ActiveSheet.Name & " " & Target.Address(False, False), "Fra: " & GammelVærdi, "Til: " & Target.FormulaLocal

 Else

 If HarFormel = True Then Print #1, Brugernavn, "Ændring", Now, ActiveSheet.Name & " " & Target.Address(False, False), "Fra: " & GammelFormel, "Til: " & Target.Value

 End If

 End If

 If OutputFormat\_txt = True Then

 If Target.Text <> GammelVærdi Then Print #1, Brugernavn, "Ændring", Now, ActiveSheet.Name & " " & Target.Address(False, False), "Fra: " & GammelVærdi, "Til: " & Target.Text

 Else

 If Target.Value <> GammelVærdi Then Print #1, Brugernavn, "Ændring", Now, ActiveSheet.Name & " " & Target.Address(False, False), "Fra: " & GammelVærdi, "Til: " & Target.Value

 End If

 Close #1

 Call SetFilegenskaber(True)

End If

Set GammelVærdi = Nothing

Set GammelFormel = Nothing

HarFormel = False

End Sub

Private Sub Workbook\_SheetSelectionChange(ByVal Sh As Object, ByVal Target As Range)

On Error Resume Next

If ActiveCell.Address <> Target.Address Then Exit Sub

Call SetFilegenskaber(False)

If OutputFormat\_txt = True Then

 If Target.HasFormula Then

 HarFormel = True

 If Ændring\_i\_Formel = True Then

 GammelFormel = Target.FormulaLocal

 GammelVærdi = Target.Text

 Else

 GammelVærdi = Target.Text

 End If

 Else

 GammelVærdi = Target.Value

 End If

Else

 If Target.HasFormula Then

 HarFormel = True

 If Ændring\_i\_Formel = True Then

 GammelFormel = Target.FormulaLocal

 GammelVærdi = Target.Value

 Else

 GammelVærdi = Target.Value

 End If

 Else

 GammelVærdi = Target.Value

 End If

End If

Call SetFilegenskaber(True)

End Sub

Private Sub SetFilegenskaber(Switch As Boolean)

Dim LogSti As String

Dim FSO As Object

Set FSO = CreateObject("scripting.filesystemobject")

If LogFilPlacering = "" Then

 LogSti = ThisWorkbook.Path & Application.PathSeparator & ThisWorkbook.Name

Else

 LogSti = LogFilPlacering

End If

 If FSO.FileExists(LogSti & "\_" & LogFilNavn) = True Then

 If Switch = False Then

 SetAttr LogSti & "\_" & LogFilNavn, 0

 End If

 If Switch = True Then

 If SkjulLogfil = True And SkrivebeskytLogfil = True Then SetAttr LogSti & "\_" & LogFilNavn, 1 + 2

 If SkjulLogfil = False And SkrivebeskytLogfil = True Then SetAttr LogSti & "\_" & LogFilNavn, 1

 If SkjulLogfil = True And SkrivebeskytLogfil = False Then SetAttr LogSti & "\_" & LogFilNavn, 2

 End If

End If

Set FSO = Nothing

End Sub

Function Brugernavn() As String

Application.Volatile

Dim Buffer As String \* 100

Dim BuffLen As Long

BuffLen = 100

GetUserName Buffer, BuffLen

Brugernavn = LCase(Left(Buffer, BuffLen - 1))

End Function