

# HyperLink Events - VBA

A few notes on Hyperlinks and VBA and Events.

You can't stop/interact w/ a Hyperlink BEFORE it opens. There is an event "FollowHyperlink", but it runs AFTER Hyperlink is opened.

A common trick is to change Hyperlink to reference the cell, and set the actual Hyperlink as a comment, then use the "FollowHyperlink" event to do something w/ URL (Like open w/ a specific Browser)

<https://stackoverflow.com/questions/27668021/specify-non-default-browser-for-hyperlinks-in-ms-excel>

[https://www.automateexcel.com/vba/hyperlinks/#Go\\_to\\_a\\_Cell\\_in\\_another\\_sheet\\_in\\_the\\_same\\_Workbook](https://www.automateexcel.com/vba/hyperlinks/#Go_to_a_Cell_in_another_sheet_in_the_same_Workbook)

<https://stackoverflow.com/questions/23984577/excel-vba-get-hyperlink-address-of-specific-cell>

How I intercept Hyperlinks via XLAM Addon

Class(AppEvent\_SheetSelectionChange):

```
Public WithEvents appevent As Application

Private Sub appevent_SheetFollowHyperlink(ByVal Sh As Object, ByVal Target As Hyperlink)
    Debug.Print "Following Hyperlink Class"
    Call OpenHyperLinksEvent(Sh, Target)
End Sub
```

Module:

```

Public myobject As New AppEvent_SheetSelectionChange
Public Sub OpenHyperLinksEvent(Optional ByVal Sh As Object, Optional ByVal Target As Hyperlink)
    Set myobject.appevent = Application
    Debug.Print "OpenHyperLinksEvent Sub"
    On Error GoTo EndExit
    Debug.Print Target.Range.Comment.Text
    Call OpenIEURL(CStr(Target.Range.Comment.Text), True)
EndExit:
End Sub
Sub Test()
    Call OpenHyperLinksEvent
End Sub
Public Sub RangeHyperlinksToComments(ColNum As Integer)

    'Testing
    'ColNum = 1

    Dim rcell As Range, Rng As Range, HyperLinkRefRng As Range, HyperLinkStr As String, CellStr As String

    lrow = Get_lRow(ActiveSheet)
    Set Rng = Range(Cells(2, ColNum), Cells(lrow, ColNum))

    For Each rcell In Rng.Cells
        If Not IsError(rcell.Value) Then
            If rcell.Value <> "" Then
                If rcell.Hyperlinks.Count = 1 Then
                    HyperLinkStr = HyperLinkURLFromCell(rcell)
                    CellStr = rcell.Value

                    With rcell.Hyperlinks
                        .Delete
                        .Add _
                            Anchor:=rcell, _
                            Address:="", _
                            SubAddress:=rcell.Address, _
                            ScreenTip:="", _
                            TextToDisplay:=CellStr
                    End With

                    rcell.AddComment
                    rcell.Comment.Visible = False
                    rcell.Comment.Text Text:=HyperLinkStr

                End If
            End If
        End If
    Next rcell

End Sub

```

ThisWorkbook:

```

Option Explicit
Private xlApp As New XL_SheetSelectionChange
Private Sub Workbook_BeforeClose(Cancel As Boolean)
    Set xlApp.XL = Nothing
End Sub
Private Sub Workbook_Open()
    Call OpenHyperLinksEvent
End Sub

```