Change cells or range in all workbooks in a folder

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Code samples

There are a few basic examples on this page:

1) Change a cell value in one or all worksheets in every workbook in a folder
2) Change the header or footer in all worksheets in every workbook in a folder
3) Copy a range to one or all worksheets in every workbook in a folder
4) Copy a worksheet to all workbooks in a folder

Information and Tips

The examples below are only working for one folder (no option for subfolders).

Important: The workbook with the code must be outside the merge folder

Important: The destination sheet(s) in every workbook must be unprotected
You can add unprotect and protect code to the macro if your sheets are protected

Tip 1: Useful Workbooks.Open arguments

Set mybook = Workbooks.Open(MyPath & MyFiles(Fnum), _
Password:="ron", WriteResPassword:="ron", UpdateLinks:=0)

If your workbooks are protected you can use this in the Workbooks.Open arguments
Password:="ron" and WriteResPassword:="ron"

If you have links in your workbook this (UpdateLinks:=0) will avoid the message
do you want to update the links or not "0 Doesn't update any references"
See the VBA help for more information about the Workbooks.Open arguments

Tip 2: Use only files with a name that start with for example **week**
Use this then
FilesInPath = Dir(MyPath & "week*.xl*")

Change cells or range in one or all worksheets in each file

There are a few things you must change before you can run the code

Fill in the path to the folder with files
MyPath = "C:\Users\Ron\test"

In the example below I change a cell on the first worksheet(index 1) of each workbook in
the folder "C:\Users\Ron\test" with this line With mybook.Worksheets(1)
Change the sheet index or use a sheet name: mybook.Worksheets("YoursheetName")

Change this line to your cell and value
.Range("A1").Value = "My New Header"
Note: you can repeat this line in the macro for other cells

Tip: You can replace the **red** code block with the other examples below this macro

```
Sub Example()
    Dim MyPath As String, FilesInPath As String
```

```vba
Dim MyFiles() As String, Fnum As Long
Dim mybook As Workbook
Dim CalcMode As Long
Dim sh As Worksheet
Dim ErrorYes As Boolean

'Fill in the path\folder where the files are
MyPath = "C:\Users\Ron\test"

'Add a slash at the end if the user forget it
If Right(MyPath, 1) <> "\" Then
    MyPath = MyPath & "\"
End If

'If there are no Excel files in the folder exit the sub
FilesInPath = Dir(MyPath & "*.xl*")
If FilesInPath = "" Then
    MsgBox "No files found"
    Exit Sub
End If

'Fill the array(myFiles)with the list of Excel files in the folder
Fnum = 0
Do While FilesInPath <> ""
    Fnum = Fnum + 1
    ReDim Preserve MyFiles(1 To Fnum)
    MyFiles(Fnum) = FilesInPath
    FilesInPath = Dir()
Loop

'Change ScreenUpdating, Calculation and EnableEvents
With Application
    CalcMode = .Calculation
    .Calculation = xlCalculationManual
    .ScreenUpdating = False
    .EnableEvents = False
End With

'Loop through all files in the array(myFiles)
If Fnum > 0 Then
    For Fnum = LBound(MyFiles) To UBound(MyFiles)
        Set mybook = Nothing
        On Error Resume Next
        Set mybook = Workbooks.Open(MyPath & MyFiles(Fnum))
        On Error GoTo 0

        If Not mybook Is Nothing Then

            'Change cell value(s) in one worksheet in mybook
            On Error Resume Next
            With mybook.Worksheets(1)
                If .ProtectContents = False Then
                    .Range("A1").Value = "My New Header"
                Else
                    ErrorYes = True
                End If
            End With

            If Err.Number > 0 Then
                ErrorYes = True
                Err.Clear
                'Close mybook without saving
                mybook.Close savechanges:=False
            Else
                'Save and close mybook
                mybook.Close savechanges:=True
            End If
            On Error GoTo 0
        Else
            'Not possible to open the workbook
            ErrorYes = True
```

```
                End If

         Next Fnum
     End If

     If ErrorYes = True Then
         MsgBox "There are problems in one or more files, possible problem:" _
              & vbNewLine & "protected workbook/sheet or a sheet/range that not exist"
     End If

     'Restore ScreenUpdating, Calculation and EnableEvents
     With Application
         .ScreenUpdating = True
         .EnableEvents = True
         .Calculation = CalcMode
     End With
End Sub
```

Other examples

Note: you can replace the **red** code in the macro above with one of the examples below

Tip: not loop through all worksheets in mybook

You can replace
For Each sh In mybook.Worksheets

With this if you want to loop through the sheets in the array
For Each sh In Sheets(Array("Sheet1", "Sheet3"))

If you want to copy only to sheets with a name that start with week
For Each sh In mybook.Worksheets
If LCase(Left(sh.Name, 4)) = "week" Then

Do not forget to add a End IF if you want to test the sheet name

Change a cell value or change a header or footer in all worksheets in each workbook

```
'Change cell value(s) in all worksheets in mybook
     On Error Resume Next
     For Each sh In mybook.Worksheets
         If sh.ProtectContents = False Then
             With sh
                 .Range("A1").Value = "My New Header"
                 ' Or change a header or footer in every worksheet
                 ' Example to add the Workbook's Full Path in the footer
                 '.PageSetup.LeftFooter = mybook.FullName
             End With
         Else
             ErrorYes = True
         End If
     Next sh
```

Copy a range to one worksheet in mybook

This is the worksheet where you paste the range
Set sh = mybook.Worksheets(1)

This is the range that you copy
ThisWorkbook.Worksheets(1).Range("A1:C1")

We paste in A1 of sh
sh.Range("A1").Resize(.Rows.Count, .Columns.Count).Value = .Value

```
     'Copy a range to a worksheet in mybook
```

```
        On Error Resume Next
        Set sh = mybook.Worksheets(1)
        With sh
            If .ProtectContents = False Then
                With ThisWorkbook.Worksheets(1).Range("A1:C1")
                    sh.Range("A1").Resize(.Rows.Count, .Columns.Count).Value = .Value
                End With
            Else
                ErrorYes = True
            End If
        End With
```

Copy a range to all worksheets in mybook

```
'Copy a range to all worksheets in mybook
    On Error Resume Next
    For Each sh In mybook.Worksheets
        If sh.ProtectContents = False Then
            With sh
                With ThisWorkbook.Worksheets(1).Range("A1:C1")
                    sh.Range("A1").Resize(.Rows.Count, .Columns.Count).Value = .Value
                End With
            End With
        Else
            ErrorYes = True
        End If
    Next sh
```

Copy a worksheet to all workbooks in a folder

There are a few things you must change before you can run the code

Fill in the path to the folder with files
MyPath = "C:\Users\Ron\test"

Which sheet do you want to copy, change this line
Set MySh = ThisWorkbook.Sheets("Sheet1")

And give the sheet you paste in every workbook a name
ActiveSheet.Name = "MyNewSheet"

```
Sub Example_3()
    Dim MyPath As String, FilesInPath As String
    Dim MyFiles() As String, Fnum As Long
    Dim mybook As Workbook
    Dim CalcMode As Long
    Dim MySh As Worksheet

    On Error Resume Next
    ' Worksheet that you want to paste in each workbook
    Set MySh = ThisWorkbook.Sheets("Sheet1")
    If Err.Number > 0 Then
        Err.Clear
        MsgBox "The sheet that you want to copy/paste not exist"
        Exit Sub
    End If
    On Error GoTo 0

    'Fill in the path\folder where the files are
    MyPath = "C:\Users\Ron\test"

    'Add a slash at the end if the user forget it
    If Right(MyPath, 1) <> "\" Then
        MyPath = MyPath & "\"
    End If

    'If there are no Excel files in the folder exit the sub
    FilesInPath = Dir(MyPath & "*.xl*")
```

```vba
    If FilesInPath = "" Then
        MsgBox "No files found"
        Exit Sub
    End If

    'Fill the array(myFiles)with the list of Excel files in the folder
    Fnum = 0
    Do While FilesInPath <> ""
        Fnum = Fnum + 1
        ReDim Preserve MyFiles(1 To Fnum)
        MyFiles(Fnum) = FilesInPath
        FilesInPath = Dir()
    Loop

    'Change ScreenUpdating, Calculation and EnableEvents
    With Application
        CalcMode = .Calculation
        .Calculation = xlCalculationManual
        .ScreenUpdating = False
        .EnableEvents = False
    End With

    'Loop through all files in the array(myFiles)
    If Fnum > 0 Then
        For Fnum = LBound(MyFiles) To UBound(MyFiles)
            Set mybook = Nothing
            On Error Resume Next
            Set mybook = Workbooks.Open(MyPath & MyFiles(Fnum))
            On Error GoTo 0

            If Not mybook Is Nothing Then

                'Copy/paste the sheet
                MySh.Copy after:=mybook.Sheets(mybook.Sheets.Count)

                'Give the sheet a name
                On Error Resume Next
                ActiveSheet.Name = "MyNewSheet"
                If Err.Number > 0 Then
                    MsgBox "Change the name of : " & ActiveSheet.Name & " manually" & _
                          " in the workbook " & mybook.Name
                    Err.Clear
                End If
                On Error GoTo 0

                'Save and close mybook
                mybook.Close savechanges:=True

            End If
        Next Fnum
    End If

    'Restore ScreenUpdating, Calculation and EnableEvents
    With Application
        .ScreenUpdating = True
        .EnableEvents = True
        .Calculation = CalcMode
    End With
End Sub
```