

VBA SOURCE CODE BOOK

EMAIL WITH "ADD TO CALENDAR"

Send Emails with 'Add To Calendar'

Send Reminder Emails

Last Name	First Name	Appt. Date	Appt. Time	Duration	City	State	Zip Code	Freelancer
Fredders	Frank	March 5, 2018	9:00 AM	1:00	Los Angeles	CA	95418	Freelancer
Breakman	David	August 15, 2018	9:00 AM	2:00	San Diego	CA	91345	David

From: Randy@Excel-4-Business.com
To: Fred@Inal.com
Subject: Frank, Your Scheduled Appointment For 3/5/2018
Attachments: Add To Calendar.ics (255 B)

Frank, for scheduling your appointment with us, We look forward to seeing you on 3/5/2018. We have created an Add To Calendar file which allows you to easily add it to your Google Calendar. To add the appointment to your Google Calendar with a link, click on the link below: <https://www.google.com/calendar/render?text=Scheduled+Appt.+With+Excel+For+Freelancers&dates=20180305T020000Z>

March 5, 2018

MONDAY

5

Frank, Your Scheduled Appointment For 3/5/2018
Our Office

Google Calendar

TODAY < > March

2018

Mon 5

Scheduled Appt. With Excel For Freelancers
9 - 10am



Excel For Freelancers

How To Create a Google
Calendar Link and Add To
Calendar ICS File and
send in Any Email



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APPLICATION**



**VIEW
TRAINING**

by: Randy Austin

ABOUT THE AUTHOR

A two-time Microsoft MVP & lifetime Excel enthusiast, Randy Austin founded Excel For Freelancers in 2017. Excel For Freelancers quickly became the most prominent resource Excel for developers to learn how to turn their passion for Excel into profits by building & selling their own excel-based applications for passive & recurring income.

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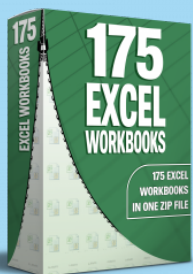
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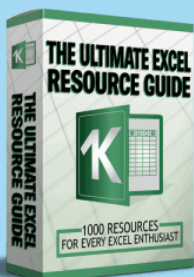
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1 Option Explicit

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1 Option Explicit

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1	Option Explicit
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```

1  Option Explicit
2
3  Sub SendReminderEmails()
4      Dim OutApp, OutMail, fso, oFile As Object
5      Dim LastContRow, ContRow As Long
6      Dim FirstNm, LastNm, Email, Subj, Mess, GoogleLink, ApTime, DtStamp, StartTime, EndTime,
7      icsFileName, icsText As String
8      Dim ApDate, ApStart, ApEnd As Date
9
10     Subj = Sheet2.Range("G4").Value 'Email Subject
11     Mess = Sheet2.Range("G5").Value 'Email Message
12     DtStamp = Format(Now, "yyyymmddThhmmssZ")
13     With Sheet1
14         LastContRow = .Range("E99999").End(xlUp).Row
15         For ContRow = 5 To LastContRow
16             If .Range("N" & ContRow).Value <> Empty Then GoTo EmailSent
17             LastNm = .Range("E" & ContRow).Value 'Last Name
18             FirstNm = .Range("F" & ContRow).Value 'First Name
19             ApDate = .Range("G" & ContRow).Value 'Appt Date
20             ApTime = Format(.Range("H" & ContRow).Value, "h:mm AM/PM") 'Appt Time
21             ApStart = .Range("O" & ContRow).Value 'Appt Start
22             ApEnd = .Range("P" & ContRow).Value 'ApptEnd
23             Email = .Range("M" & ContRow).Value 'Customer Email
24             StartTime = Format(ApStart, "yyyymmddThhmmssZ") 'Google Cal Start Date & Time
25             EndTime = Format(ApEnd, "yyyymmddThhmmssZ") 'Google Cal End Date & Time
26             GoogleLink = "https://calendar.google.com/calendar/render?action=TEMPLATE&text=" &
27             "Scheduled Appt. With Excel For Freelancers" & "&dates=" & StartTime & "/" &
28             EndTime & "&details=Your Scheduled Appointment with Excel For Freelancers. Thank
29             you for scheduling." & "&sf=true&output=xml"
30             GoogleLink = Replace(GoogleLink, " ", "+") 'Replace any spaces with a +
31             Subj = Replace(Replace(Replace(Replace(Replace(Subj, "#FirstNm#", FirstNm),
32             "#LastNm#", LastNm), "#ApDate#", ApDate), "#ApTime#", ApTime), "#GoogleLink#",
33             GoogleLink) 'Email Subject
34             Mess = Replace(Replace(Replace(Replace(Replace(Mess, "#FirstNm#", FirstNm),
35             "#LastNm#", LastNm), "#ApDate#", ApDate), "#ApTime#", ApTime), "#GoogleLink#",
36             GoogleLink) 'Email Message
37
38             If Sheet2.Range("H3").Value = "Yes" Then 'Include ics file attachment
39                 Set fso = CreateObject("Scripting.FileSystemObject")
40                 icsText = Sheet2.Range("N4").Value 'ics File Base Text
41                 icsText = Replace(Replace(Replace(Replace(Replace(icsText, "#DtStamp#", DtStamp),
42                 "#ApStart#", ApStart), "#ApEnd#", ApEnd), "#Email#", Email), "#Subj#",
43                 Subj)
44                 icsFileName = ActiveWorkbook.Path & "\Add_To_Calendar.ics"
45                 Set oFile = fso.CreateTextFile(icsFileName)
46                 oFile.WriteLine icsText
47                 oFile.Close
48                 Set fso = Nothing
49                 Set oFile = Nothing
50             End If
51
52             Set OutApp = CreateObject("Outlook.Application")
53             Set OutMail = OutApp.CreateItem(0)
54             With OutMail
55                 .To = Email
56                 If Sheet2.Range("H3").Value = "Yes" Then .attachments.Add icsFileName
57                 .Subject = Subj
58                 .Body = Mess
59                 If Sheet2.Range("B4").Value = True Then .Display Else: .Send 'Dispaly or Send
60                 Based On Option
61             End With
62         Next ContRow
63     End With
64 End Sub

```

```
51      1 2 3      On Error GoTo 0
52      Set OutMail = Nothing
53      .Range("N" & ContRow).Value = Now 'Enter Email Sent On Time & Date
54      If Sheet2.Range("H3").Value = "Yes" Then 'Clear any ics file & text
55          Kill (icsFileName) 'Delete Temporary icsFile
56          icsText = "" 'Clear any existing icsText
57      End If
58      EmailSent:
59      Next ContRow
60      End With
61      End Sub
```

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```
1 Option Explicit
2
3 #If VBA7 And Win64 Then
4 'run on 64 bit
5 Public Declare PtrSafe Function SystemTimeToFileTime Lib _
6     "kernel32" (lpSystemTime As SYSTEMTIME, _
7     lpFileTime As FILETIME) As Long
8
9 Public Declare PtrSafe Function LocalFileTimeToFileTime Lib _
10    "kernel32" (lpLocalFileTime As FILETIME, _
11    lpFileTime As FILETIME) As Long
12
13 Public Declare PtrSafe Function FileTimeToSystemTime Lib _
14    "kernel32" (lpFileTime As FILETIME, lpSystemTime _
15    As SYSTEMTIME) As Long
16 #Else
17 'run on 32 bit
18 Public Declare Function SystemTimeToFileTime Lib _
19    "kernel32" (lpSystemTime As SYSTEMTIME, _
20    lpFileTime As FILETIME) As Long
21
22 Public Declare Function LocalFileTimeToFileTime Lib _
23    "kernel32" (lpLocalFileTime As FILETIME, _
24    lpFileTime As FILETIME) As Long
25
26 Public Declare Function FileTimeToSystemTime Lib _
27    "kernel32" (lpFileTime As FILETIME, lpSystemTime _
28    As SYSTEMTIME) As Long
29 #End If
30
31 Public Type FILETIME
32     dwLowDateTime As Long
33     dwHighDateTime As Long
34 End Type
35
36 Public Type SYSTEMTIME
37     wYear As Integer
38     wMonth As Integer
39     wDayOfWeek As Integer
40     wDay As Integer
41     wHour As Integer
42     wMinute As Integer
43     wSecond As Integer
44     wMilliseconds As Integer
45 End Type
46
47 Public Function LocalTimeToUTC(dteTime As Date) As Date
48     Dim dteLocalFileTime As FILETIME
49     Dim dteFileTime As FILETIME
50     Dim dteLocalSystemTime As SYSTEMTIME
51     Dim dteSystemTime As SYSTEMTIME
52
53     dteLocalSystemTime.wYear = CInt(Year(dteTime))
54     dteLocalSystemTime.wMonth = CInt(Month(dteTime))
55     dteLocalSystemTime.wDay = CInt(Day(dteTime))
56     dteLocalSystemTime.wHour = CInt(Hour(dteTime))
57     dteLocalSystemTime.wMinute = CInt(Minute(dteTime))
58     dteLocalSystemTime.wSecond = CInt(Second(dteTime))
59
60     Call SystemTimeToFileTime(dteLocalSystemTime, _
61     dteLocalFileTime)
```

1


```
1
62 Call LocalFileTimeToFileTime(dteLocalFileTime, _
63     dteFileTime)
64 Call FileTimeToSystemTime(dteFileTime, dteSystemTime)
65
66 LocalTimeToUTC = CDate(dteSystemTime.wMonth & "/" & _
67     dteSystemTime.wDay & "/" & _
68     dteSystemTime.wYear & " " & _
69     dteSystemTime.wHour & ":" & _
70     dteSystemTime.wMinute & ":" & _
71     dteSystemTime.wSecond)
72 End Function
73
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Thank You!

This source code was created and made available to help you gain a better understanding of how VBA is used to create amazing Excel-based applications.

Thank you so much for your continued shares, likes and support. It really helps.



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