

VBA SOURCE CODE BOOK

GOOGLE MAP LINK CREATOR

Google Map Link Creator

Customer Name:

City:

Zip Code:

Company Address	
Address:	12100 Balboa Blvd
City:	Granada Hills
State:	CA
Zip:	91344
Country:	USA

Customer Name	Address	City	State	Zip	Start Date
John Abners	1245 Santa Monica Blvd.	Santa Monica	CA	90405	1/15/2017
David Breakman	13464 Ventura Blvd.	Woodland Hills	CA	91364	1/15/2017
Fred Calderons	1554 Santa Monica Blvd.	Santa Monica	CA	90212	3/17/2017
Jimmy Deaner	5880 W. Adams Blvd	Culver City	CA	90364	1/15/2018
Frank Fredders	1628 S. Bundy Dr.	Los Angeles	CA	90025	1/14/2017
Jeff Johns	12151 Wilshire Blvd.	West LA	CA	90025	1/20/2017
Lisa Lanie	1545 4th St.	Santa Monica	CA	90405	1/21/2017
David	3636 Wilshire Blvd	Los Angeles	CA	90036	5/17/2017



Excel For Freelancers

How To Create Google Map and Directions Link With Excel



DOWNLOAD 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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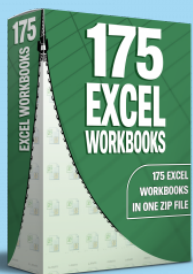
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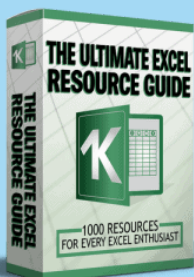
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Projects	2
VBAProject	2
Documents	2
Sheet1	2
Worksheet_Change [Sub]	2
Worksheet_SelectionChange [Sub]	2
ThisWorkbook	4
(Declarations).....	4
Modules.....	6
AddNewContact	6
(Declarations).....	6
AddContact [Sub]	6
CodeReset_Macs	8
(Declarations).....	8
ResetCode [Sub]	8
StopCode [Sub]	8
FadeOutMessages	10
(Declarations).....	10
Cont_SavedMess [Sub]	10
Cont_UpdatedMess [Sub]	10
Form_Load.....	12
(Declarations).....	12
Load_Customer [Sub]	12
MapMacros	14
(Declarations).....	14
GetDirections [Sub]	14
GetMap [Sub]	14
SaveNewCont	16
(Declarations).....	16
SaveNewContact [Sub]	16

```
1
2
3 Private Sub Worksheet_Change(ByVal Target As Range)
4     If Target.Count > 1 Then Exit Sub
5
6     If Not Intersect(Target, Range("F3:F9" )) Is Nothing And Range("B10" ).Value <> True And
7     Range("B12" ).Value = False Then 'On Change of Cell but not for New Customer or Loading
8     Customer
9         If InStr(Target.Value, ":" ) = 0 And Range("B" & Target.Row).Value <> Empty Then Cells
10        (Range("B1" ).Value, Range("A" & Target.Row).Value).Value = Target.Value
11        Cont_UpdatedMess
12    End If
13
14    If Not Intersect(Target, Range("H3:H9" )) Is Nothing And Range("B10" ).Value <> True And
15    Range("B12" ).Value = False Then 'On Change of Cell but not for New Customer or
16    Loading Customer
17        If InStr(Target.Value, ":" ) = 0 And Range("B" & Target.Row).Value <> Empty Then Cells
18        (Range("B1" ).Value, Range("B" & Target.Row).Value).Value = Target.Value
19        Cont_UpdatedMess
20    End If
21 End Sub
22
23 Private Sub Worksheet_SelectionChange(ByVal Target As Range)
24     If Target.Count > 1 Then Exit Sub
25
26     If Range("B2" ).Value <> Empty Then
27         If Range(Range("B2" ).Value).Value = Empty Then Range(Range("B2" ).Value).Value = Cells
28         (Range(Sheet1.Range("B2" ).Value).Row, Range(Sheet1.Range("B2" ).Value).Column + 10).
29         Value
30     End If
31
32     If Not Intersect(Target, Range("F3,F6,F9,H3,H6,H9" )) Is Nothing Then
33         If InStr(Target.Value, ":" ) <> 0 Then Target.ClearContents
34         Range("B2" ).Value = Target.Address
35     End If
36
37     If Not Intersect(Target, Range("E13:J26" )) Is Nothing Then
38         Range("B1" ).Value = Target.Row
39         Load_Customer
40         Shapes("SaveNewContBtn" ).Visible = msoFalse
41         Shapes("AddNewContBtn" ).Visible = msoTrue
42         Range("B10" ).Value = False 'Set New Contact To False
43     End If
44 End Sub
```

A

Address, [2](#)

C

Cells, [2](#)

ClearContents, [2](#)

Column, [2](#)

Cont_UpdatedMess, [2](#)

Count, [2](#)

E

Empty, [2](#)

I

InStr, [2](#)

Intersect, [2](#)

L

Load_Customer, [2](#)

M

msoCTrue, [2](#)

msoFalse, [2](#)

R

Range, [2](#)

Row, [2](#)

S

Shapes, [2](#)

Sheet1, [2](#)

T

Target, [2](#)

V

Value, [2](#)

Visible, [2](#)

W

Worksheet_Change, [2](#)

Worksheet_SelectionChange, [2](#)

1 Option Explicit
2

E

Explicit, 4


```
1  Option Explicit
2
3  Sub AddContact()
4      With Sheet1
5          .Range("B1" ).Value = .Range("E9999" ).End(xlUp).Row + 1 'Get First Available Row
6          .Range("F3:H9" ).Value = .Range("P3:R9" ).Value
7          .Range("B10" ).Value = True
8          .Shapes("SaveNewContBtn" ).Visible = msoCTrue
9          .Shapes("AddNewContBtn" ).Visible = msoFalse
10     End With
11 End Sub
```

A

AddContact, 6

E

Explicit, 6

M

msoCTrue, 6

msoFalse, 6

R

Range, 6

Row, 6

S

Shapes, 6

Sheet1, 6

V

Value, 6

Visible, 6

X

xUp, 6

```
1 Option Explicit
2
3 Sub ResetCode()
4     With Application
5         .EnableEvents = True
6         .Calculation = xlCalculationAutomatic
7         .ScreenUpdating = True
8     End With
9 End Sub
10
11 Sub StopCode()
12     With Application
13         .EnableEvents = False
14         .Calculation = xlCalculationManual
15         .ScreenUpdating = False
16     End With
17
18 End Sub
19
```

A

Application, 8

C

Calculation, 8

E

EnableEvents, 8

Explicit, 8

R

ResetCode, 8

S

ScreenUpdating, 8

StopCode, 8

X

xlCalculationAutomatic, 8

xlCalculationManual, 8

Option Explicit

```
1
2
3
4 Sub Cont_SavedMess()
5   Dim i As Integer
6   Dim delay As Double
7   Dim StartTime As Double
8   With ActiveSheet.Shapes("NewContactSaved" )
9     .Visible = True
10    For i = 1 To 100
11      .Fill.Transparency = i / 100
12      delay = 0.006
13      StartTime = Timer
14    Do
15      DoEvents
16    Loop While Timer - StartTime < delay
17    Next i
18    .Visible = False
19  End With
20 End Sub
```

```
21
22 Sub Cont_UpdatedMess()
23   Dim i As Integer
24   Dim delay As Double
25   Dim StartTime As Double
26   With ActiveSheet.Shapes("ContactUpdated" )
27     .Visible = True
28    For i = 1 To 100
29      .Fill.Transparency = i / 100
30      delay = 0.006
31      StartTime = Timer
32    Do
33      DoEvents
34    Loop While Timer - StartTime < delay
35    Next i
36    .Visible = False
37  End With
38 End Sub
39
40
41
```

A

ActiveSheet, [10](#)

C

Cont_SavedMess, [10](#)

Cont_UpdatedMess, [10](#)

D

delay, [10](#)

DoEvents, [10](#)

E

Explicit, [10](#)

F

Fill, [10](#)

I

i, [10](#)

S

Shapes, [10](#)

StartTime, [10](#)

T

Timer, [10](#)

Transparency, [10](#)

V

Visible, [10](#)

```
1 Option Explicit
2
3 Sub Load_Customer()
4     Dim CustRow, CustCol As Long
5     Dim Cell As String
6     StopCode
7     With Sheet1
8         .Range("B12").Value = True 'Set Customer Load To True
9         CustRow = .Range("B1").Value 'Customer Row
10        For CustCol = 5 To 10
11            Cell = .Cells(11, CustCol).Value
12            Range(Cell).Value = .Cells(CustRow, CustCol).Value
13        Next CustCol
14        .Range("B12").Value = False 'Set Customer Load to False
15    End With
16    ResetCode
17 End Sub
```

C

Cell, [12](#)
Cells, [12](#)
CustCol, [12](#)
CustRow, [12](#)

E

Explicit, [12](#)

L

Load_Customer, [12](#)

R

Range, [12](#)
ResetCode, [12](#)

S

Sheet1, [12](#)
StopCode, [12](#)

V

Value, [12](#)

1 Option Explicit

2
3
4
5 Sub GetDirections()

6 Dim CompAddr, CompCity, CompST, CompZip, CompCntry, CustAddr, CustCity, CustST, CustZip,
CustCntry, MapLink As String

7 With Sheet1

8 CustAddr = .Range("H3").Value

9 CustCity = .Range("F6").Value

10 CustST = .Range("H6").Value

11 CustZip = .Range("F9").Value

12 CustCntry = .Range("M7").Value

13
14 CompAddr = .Range("M3").Value

15 CompCity = .Range("M4").Value

16 CompST = .Range("M5").Value

17 CompZip = .Range("M6").Value

18
19
20 'Build Google Maps Directions Link

21 MapLink = "https://www.google.com/maps/dir/"

22 MapLink = MapLink & CustAddr & "," & CustCity & "," & CustST & "+" & CustZip &

23 MapLink = MapLink & CustCntry & "/" & CompAddr & "," & CompCity & "," & CompST & "+" &

24 CompZip

25 'MapLink = MapLink & "&hl=en"

26 MapLink = Replace(MapLink, " ", "+")

27 ThisWorkbook.FollowHyperlink (MapLink)

28 End With

29
30 End Sub

31 Sub GetMap()

32 Dim CustAddr, CustCity, CustST, CustZip, CustCntry, MapLink As String

33 With Sheet1

34 CustAddr = .Range("H3").Value

35 CustCity = .Range("F6").Value

36 CustST = .Range("H6").Value

37 CustZip = .Range("F9").Value

38 CustCntry = .Range("M7").Value

39
40 'Build Google Maps Directions Link

41 MapLink = "https://maps.google.com/maps/search/"

42 MapLink = MapLink & CustAddr & "," & CustCity & "," & CustST & "+" & CustZip &

43 MapLink = MapLink & CustCntry & "/"

44 MapLink = MapLink & "&hl=en"

45 MapLink = Replace(MapLink, " ", "+")

46 ThisWorkbook.FollowHyperlink (MapLink)

End With

End Sub

C

CompAddr, [14](#)
CompCity, [14](#)
CompCntry, [14](#)
CompST, [14](#)
CompZip, [14](#)
CustAddr, [14](#)
CustCity, [14](#)
CustCntry, [14](#)
CustST, [14](#)
CustZip, [14](#)

E

Explicit, [14](#)

F

FollowHyperlink, [14](#)

G

GetDirections, [14](#)
GetMap, [14](#)

M

MapLink, [14](#)

R

Range, [14](#)
Replace, [14](#)

S

Sheet1, [14](#)

T

ThisWorkbook, [14](#)

V

Value, [14](#)

```
1 Option Explicit
2
3 Sub SaveNewContact()
4     Dim FirstAvRow, FieldRow, TableRow, TableColumn As Long
5     With Sheet1
6         FirstAvRow = .Range("E99999").End(xlUp).Row + 1 'First Available Row
7         If .Range("F3").Value = "Enter Customer:" Or .Range("F3").Value = Empty Then
8             MsgBox "Please make sure to Enter a Customer Name before saving"
9             Exit Sub
10        End If
11        For FieldRow = 3 To 9 Step 3
12            If InStr(.Range("F" & FieldRow).Value, ":") = 0 Then .Cells(FirstAvRow, .Range(
13                "A" & FieldRow).Value).Value = Range("F" & FieldRow).Value
14            If InStr(.Range("H" & FieldRow).Value, ":") = 0 Then .Cells(FirstAvRow, .Range(
15                "B" & FieldRow).Value).Value = Range("H" & FieldRow).Value
16        Next FieldRow
17        .Range("B10").Value = False 'Set New Contact To False
18        .Range("E" & FirstAvRow).Select
19        .Shapes("SaveNewContBtn").Visible = msoFalse
20        .Shapes("AddNewContBtn").Visible = msoCTrue
21        Cont_SavedMess
22    End With
23 End Sub
```

C

Cells, [16](#)
Cont_SavedMess, [16](#)

E

Empty, [16](#)
Explicit, [16](#)

F

FieldRow, [16](#)
FirstAvRow, [16](#)

I

InStr, [16](#)

M

MsgBox, [16](#)
msoCTrue, [16](#)
msoFalse, [16](#)

R

Range, [16](#)
Row, [16](#)

S

SaveNewContact, [16](#)
Shapes, [16](#)
Sheet1, [16](#)

T

TableColumn, [16](#)
TableRow, [16](#)

V

Value, [16](#)
Visible, [16](#)

X

xLUp, [16](#)

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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