I Wish I Knew How To …

Program Excel 2010 with Xojo in Windows

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Chapter 3 – Getting, Changing, and Modifying Cell Data

The most common task performed with an Excel form is to put information onto the worksheet and retrieving information from the worksheet. We will explain some of the many ways to place information on to a form, manipulate the data, and then retrieve the information back into Xojo.

Add and Read Information

Here is a program which places two values on an Excel worksheet and then reads these values and shows them in a Xojo message box.

Code 9. Add and Read Information with Excel (Example3-1. xojo_binary_project)

```
Dim excel as new ExcelApplication
Dim A, B as double
excel.visible = true
excel.workbooks.add

excel.Range("A1").value = "Gallons"
excel.Range("A2").value = 30
excel.Range("A3").value = "30.5"

A = excel.Range("A2").value
B = excel.Range("A3").value

MsgBox("A2 = " + str(A) + ", A3 = " + str(B))

 Excel = Nil

Exception err as OLEException
MsgBox err.message
```

Highlighted in blue is the code which inserts the values: “Gallons”, 30 and “30.5”. Notice that the two numbers are added with and without quotation marks. In this case, excel treats them both as numerical values. Next, we read the values from cells “A2” and “A3” and place them in the variables A and B. Lastly, we show these values in a message box in Xojo. This simple example shows how information in both a string and numerical form can be added and retrieved from Excel.

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Happy programming!

Eugene

Eugene Dakin MBA, Ph.D., P.Chem., is an author of Xojo and Real Studio reference materials and has many years of experience in the programming industry. Another great reference book is *I Wish I Knew How To … Program Access with Real Studio Desktop Apps in Windows*.

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