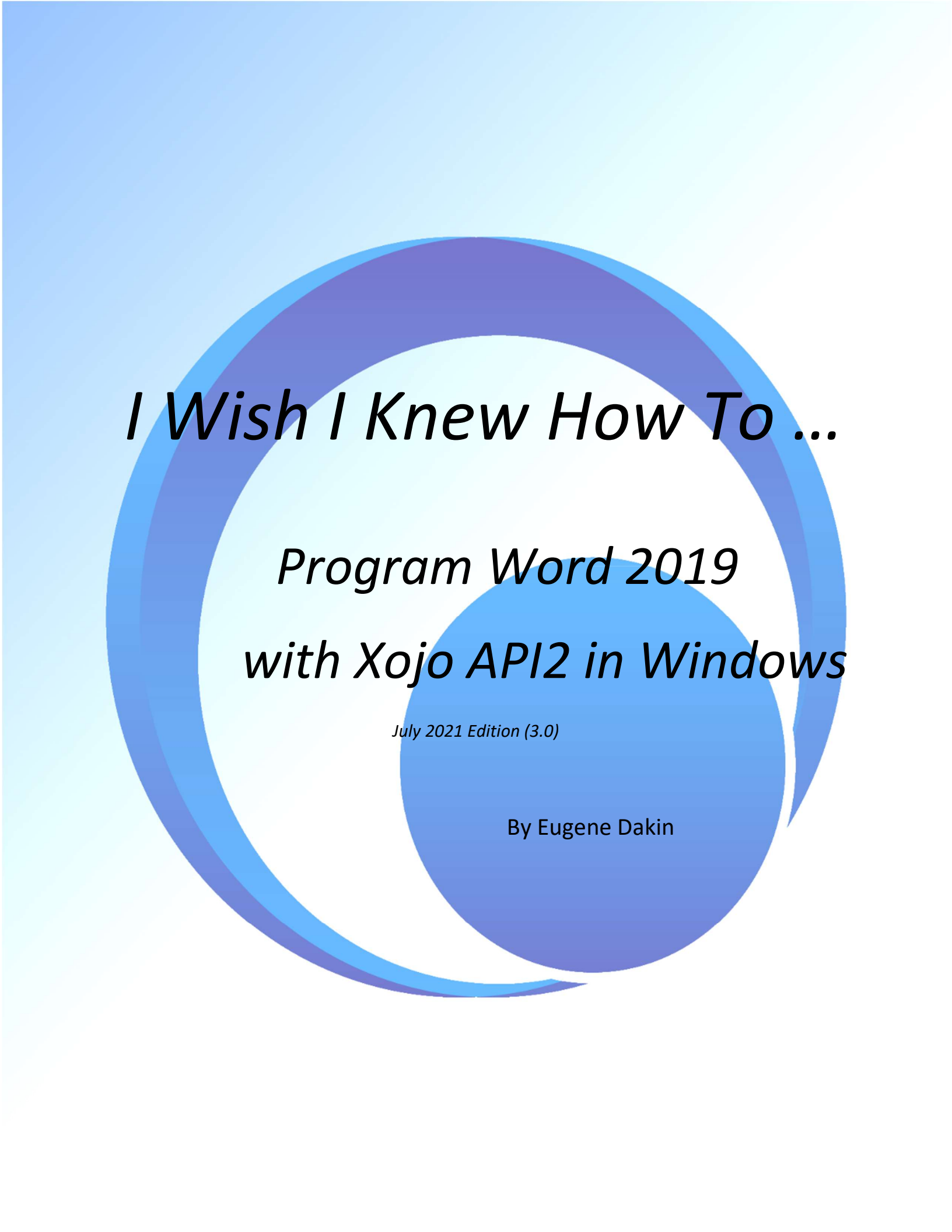




I Wish I Knew How To ...

*Program Word 2019
with Xojo API2 in Windows*

July 2021 Edition (3.0)

By Eugene Dakin

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Adding the Plugin

A plugin is required to add the necessary commands and functionality of Microsoft Office to Xojo. Here are the instructions on how to install the plugin after installing Xojo.

- 1) Go to the file folder C:\Program Files\Xojo\Xojo 2021r1.1\Extras\Office Automation and copy (Ctrl-C) the file MSOfficeAutomation.rbx
- 2) Go to the file folder C:\Program Files\Xojo\Xojo 2021r1.1\Plugins and paste the file MSOfficeAutomation.rbx
- 3) Close Xojo and restart Xojo

That's it!

Create New Word File

Start a new project by starting Xojo or press the following *'File - New Project... - Desktop Application - OK'*.

Next, double-click Window1 to open the Window.

Add a BevelButton by dragging and dropping a Built-In Control and placing in the center of the Window.

Double-click the BevelButton and add the following Code:

Code 1. Create and Open New Word Document (Example2-1-API2. xoyo_binary_project)

```
Sub Action() Handles Action
  Var Word As New WordApplication //Create a new Word variable
  Word.Documents.Add //Add a Document to the Application
  Word.Visible = True //Show the Word Application

  Word = Nil //Set the object to Nil

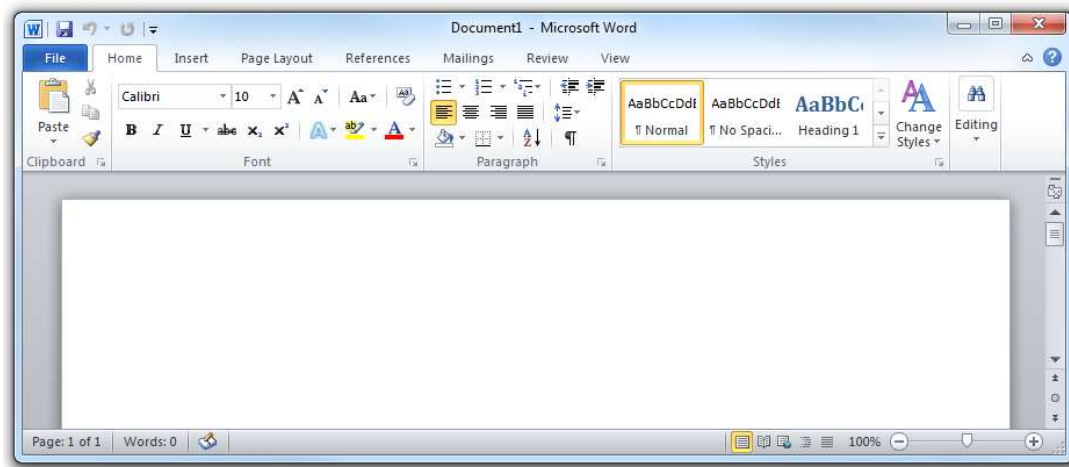
  Exception err As OLEException //Check for an error
  MessageDialog.Show err.message //Display the error
End Sub
```

Press the 'Run' button in the Xojo IDE and a new Word file is automatically opened. This example is provided in the Chapter 2 folder called *Example2-1-API2. xoyo_binary_project*. If your program does not open a new Word file, make sure you have Word installed.

The first section creates a new object in Xojo. A word document is created which is the blank page in word. The next command sets the word program to 'visible', so that the user can view the application. By keeping in mind good programming practices, when closing the program all objects should be set to Nil. Lastly, we trap errors if some form of error occurs.

Below is a screen shot of a New Word Document with the title "Document1".

Figure 10. View of a New Word Document Created with (Example2-1-API2.xojo_binary_project)



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The 'I Wish I Knew' series contains technical data and advice that makes sense and contains practical and numerous examples with explanations to allow you to ease into the steep programming curve. You can create Microsoft Word documents today!

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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. More great reference books are *"I Wish I Knew How To ... Program Excel with Xojo in Windows"* and *"I Wish I Knew How to ... Program Access with Xojo Desktop Apps in Windows"*.

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