

I Wish I Knew How To ...

*Program Word 2010-2016
with Xojo in Windows*

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Table of Contents

Chapter 1 - Introduction to Xojo and the Environment	10
Preview of Chapter 1.....	10
What is Xojo?.....	10
Describing and Defining the User Interface.....	11
Setting the run-time properties	14
Chapter 2 – Word Files.....	17
Word Terms.....	17
Adding the Plugin	18
Create New Word File	18
Open an Existing Word File	19
Control an Existing Open Word File	20
Closing Documents in Word.....	22
Close Word Without Saving	23
Brute Force Closing of Word	24
Open With Password.....	24
Save As PDF	26
Save As HTM	27
Save UTF-8 File	28
Open UTF-8 File	31
List Open Word Documents	37
Open Document Search	39
Close Searched Document	42
SaveAs Dialog	46
Chapter 3 – Modifying Body Text Data.....	49
Adding Text.....	49
Changing the Font Type, Size, and Bold	50
Changing Font Italics, Strikethrough, and Shadow	52
Underlining Text.....	53
Type of Underline	53
Underline a Specific Word.....	55
Underline Colour	56
Text Superscript and Subscript.....	58
Text Colour	59
Background Colour.....	61
Text Animation.....	62
Highlight Text	64
UnHighlight Text.....	65

Chapter 4 - Selection/Movement	67
Select All Information.....	67
Start of Document.....	69
End of Document.....	71
Page Header	73
Page Footer	74
Beginning of Line.....	75
End of Line.....	77
Move Up Two Paragraphs.....	78
Move Down a Paragraph.....	80
Chapter 5 - Paragraphs	82
Justify Paragraph Alignment	82
Get Outline Level.....	84
Set Outline Level	86
Indents.....	87
Paragraph Spacing.....	92
Page Break.....	94
Count Paragraphs.....	95
Chapter 6 - Table Of Contents	97
Basic Table of Contents.....	97
Advanced Table of Contents	99
Refresh	102
Chapter 7 - Editing	105
Finding and Selecting Text	105
Replacing Without Selecting Text	108
Replacing While Bolding Text.....	111
Inserting Text.....	113
Insert Text Before	113
Insert Text After.....	115
Selecting Text	116
Select Text and Brackets.....	116
Select Text within Brackets	118
Delete Text and Brackets.....	120
Add Brackets to a Selection.....	123
Chapter 8 - Pages	125
Insert Breaks.....	125
Chapter 9 – Tables	126
Create a Simple Table.....	126

Table Autoformat	129
Populating a Table	132
Count Table Rows and Columns	134
Select Cells in a Table	136
Select a Single Column	138
Select Multiple Columns	140
Select a Single Row	142
Select Multiple Rows	144
Change Cell Shading Color	147
Colour Key Words	149
16 Million Colours	150
Change Cell Texture	152
Cell Borders	155
Select a Single Cell	159
Basic Math	161
Get Table Cell Value	164
Sorting a Table	166
Table Cell Shading	170
Add Picture in Table	172
 Chapter 10 – Insert	174
Inserting a Picture or Clip Art	174
Insert Shapes	176
Insert SmartArt	180
Insert a Chart (Advanced)	187
Insert a Hyperlink	190
Insert a Bookmark	192
Go To a BookMark (Word 2010 or Newer)	193
Delete a Bookmark	194
Insert a Page Number	195
Insert Page X of Y	197
Insert a Textbox	199
Insert a Dropcap	201
Insert Date and Time	203
Insert a Symbol	206
Insert an Equation	208
 Chapter 11 – Printing in Word	210
Print Preview	210
Print Directly to the Printer	211
Getting Printer Settings	213
Page Margins	216
Getting Page Margins	216

Setting Page Margins.....	218
Page Orientation	219
Paper Size	220
PrintOut (Partial)	223
Chapter 12 - Page Layout.....	227
Add a Watermark	227
Page Background Colour	228
Tab Stops.....	230
Chapter 13 - References	234
Insert a Footnote.....	234
Insert an Endnote	237
Insert a Caption	238
Chapter 14 - Mail Merge.....	241
Letter Mail Merge	241
Creating an Excel List for Word	241
Create a Mail Merge Letter	250
Preview Mail Merge Result	253
Print a Mail Merge Run	257
Label Mail Merge.....	261
Envelope Mail Merge – Not Available (Bug)	265
Partial Envelope Mail Merge.....	268
Chapter 15 - Envelopes (No Mail Merge)	271
Creating an Envelope	271
Chapter 16 – Content Controls	274
CheckBox	275
ComboBox	277
Date Control	279
Drop-Down List.....	281
Picture	283
Plain Text	285
Rich Text	287
Index.....	290

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 (x86)\Xojo\Xojo 2013r1\Extras\Office Automation and copy (Ctrl-C) the file MSOfficeAutomation.rbx
- 2) Go to the file folder C:\Program Files (x86)\Xojo\Xojo 2013r1\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 (OpenWord2-1. xojo_binary_project)

```
Dim 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

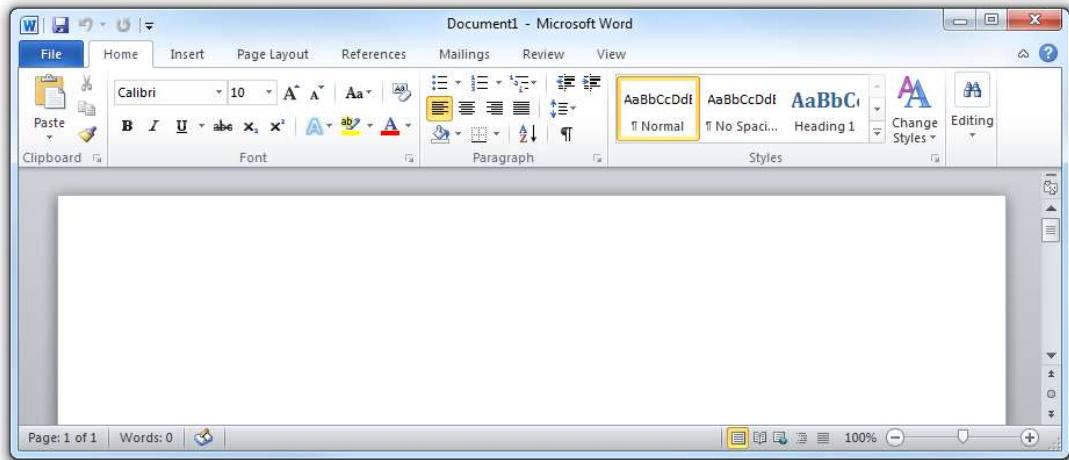
Exception err as OLEException //Check for an error
MsgBox err.message            //display the error
```

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 *OpenWord2-1. xojo_binary_project*. If your program does not open a new Word file, make sure you have Word installed. A free Word viewer from Microsoft is located at <http://www.microsoft.com/en-us/download/details.aspx?id=4>. The latest version is Word Viewer 2007.

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 (OpenWord2-1. xojo_binary_project)



Open an Existing Word File

In many businesses, most of the documents are stored and kept in Word Documents. One of the many reasons for programming with Word in Xojo is to be able to gather the data from many documents (hundreds or thousands of documents) without changing the data.

To create the Xojo program which opens an existing Word document, add the following code to a pushbutton or bevelbutton.

Index

- 16 Million Colours, 150
Add Brackets to a Selection, 123
Adding Text, 49
Alignment, 288
ApplyListTemplate, 288
Average, 162
Background Colour, 228
Basic Math, 161
Beginning of Document, 69
Beginning of Line, 75
Bold, 288
Breaks, 125
Brute Force Closing, 24
Bullet Gallery, 288
Bullets, 287
Change Cell Shading Colour, 147
Change Cell Texture, 152
CheckBox, 275, 276
Close – Brute Force, 24
Close Document, 22
Close without Saving, 23
Colour Choices, 53
Colour Index, 149
Colour Key Words, 149
Colours – 16 Million, 150
ComboBox, 277
ContentControl
 wdContentControlBuildingBlockGallery, 274
 wdContentControlCheckbox, 274
 wdContentControlComboBox, 274
 wdContentControlDate, 274
 wdContentControlDropdownList, 274
 wdContentControlGroup, 274
 wdContentControlPicture, 274
 wdContentControlRepeatingSection, 274
 wdContentControlRichText, 274
 wdContentControlText, 274
Control a Word File, 20
count, 162
Count Paragraphs, 95
Create a Mail Merge Letter, 250
Create a Simple Table, 126
Create Word Document, 18
Creating an Envelope, 271
Creating an Excel List for Word, 241
Cursor Movement Parameters, 69

- Database
 Definition, 17
 Date Control, 279
- DateDisplayFormat, 280
- DateStorageFormat, 280
- Delete a Bookmark, 194
- Deleting Text and Brackets, 120
- Document Close, 22
- Drop Down List, 281
- Dropcap, 201
- DropdownListEntries
 Add, 278
 Clear, 278
 Item, 278
- Editing, 105
- Encoding
 Arabic, 33
 ArabicAMSO, 33
 ArabicAutoDetect, 33
 ArabicTransparentASMO, 33
 AutoDetect, 33
 Baltic, 33
 CentralEuropean, 33
 Cyrillic, 33
 CyrillicAutoDetect, 33
 EBCDICArabic, 34
 EBCDICDenmarkNorway, 34
 EBCDICFinlandSweden, 34
 EBCDICFrance, 34
 EBCDICGermany, 34
 EBCDICGreek, 34
 EBCDICHebrew, 34
 EBCDIICcelandic, 34
- EBCDICInternational, 34
EBCDICItaly, 34
EBCDICJapaneseKatakanaExtended, 34
EBCDICJapaneseKatakanaExtendedAndJa
panese, 34
EBCDICKorean, 34
EBCDICLatinAmericaSpain, 34
EBCDICMultilingualROECELatin2, 34
EBCDICRussian, 34
EBCDICSerbianBulgarian, 34
EBCDICSimplifiedChineseExtendedAndSi
mplifiedChinese, 34
EBCDICThai, 34
EBCDICTurkish, 34
EBCDICTurkishLatin5, 34
EBCDICUnitedKingdom, 34
EBCDICUSCanada, 34
EBCDICUSCanadaAndJapanese, 34
EBCDICUSCanadaAndTraditionalChinese,
 34
EBCDIGreekModern, 34
EBCIDCJapaneseLatinExtendedAndJapane
se, 34
EUChineseSimplifiedChinese, 34
EUCJapanese, 34
EUCKorean, 34
EUCTaiwaneseTraditionalChinese, 34
Europa3, 34
ExtAlphaLowercase, 34
Greek, 34
GreekAutoDetect, 34
Hebrew, 34
HZGBSimplifiedChinese, 35
IA5German, 35
IA5IRV, 35
IA5Norwegian, 35
IA5Swedish, 35
Icelandic, 36
ISO2022CNSimplifiedChinese, 35
ISO2022CNTraditionalChinese, 35
ISO2022JPJISX02011989, 35
ISO2022JPJISX02021984, 35
ISO2022KR, 35

- ISO6937NonSpacingAccent, 35
ISO885915Latin9, 35
ISO88591Latin1, 35
ISO88592CentralEurope, 35
ISO88593Latin3, 35
ISO88594Baltic, 35
ISO88595Cyrillic, 35
ISO88596Arabic, 35
ISO88597Hebrew, 35
ISO88599Turkish, 35
JapaneseAutoDetect, 35
JapaneseShiftJIS, 35
JPNoHalfwidthKatakana, 35
KOI8R, 35
KOI8U, 35
Korean, 35
KoreanAutoDetect, 35
KoreanJohab, 35
MacArabic, 35
MacCroatia, 35
MacCyrillic, 35
MacGreek1, 35
MacHebrew, 35
MacIcelandic, 35
MacJapanese, 35
MacKorean, 35
MacLatin2, 36
MacRoman, 36
MacRomania, 36
MacSimplifiedChineseGB2312, 36
MacTraditionalChineseBig5, 36
MacTurkish, 36
MacUkraine, 36
OEMArabic, 36
OEMBaltic, 36
OEMCanadianFrench, 36
OEMCyrillic, 36
OEMCyrillicII, 36
OEMGreek437G, 36
OEMHebrew, 36
OEMModernGreek, 36
OEMMultilingualLatinI, 36
OEMMultilingualLatinII, 36
OEMNordic, 36
OEMPortugese, 36
OEMTurkish, 36
OEMUnitedStates, 36
SimplifiedChineseAutoDetect, 36
SimplifiedChineseGBK, 36
T61, 36
TaiwanBM5550, 36
TaiwanCNS, 36
TaiwanEten, 36
TaiwanTCA, 36
TaiwanTeleText, 36
TaiwanWang, 36
Thai, 36
TraditionalChineseAutoDetect, 36
TraditionalChineseBig5, 36
Turkish, 36
UnicodeBigEndian, 36
UnicodeLittleEndian, 37
USASCII, 37
UTF7, 37
UTF8, 37
Vietnamese, 37
Western, 37
End of Document, 71

End of Line, 77

Envelope Mail Merge (bug), 265

Envelopes (No Mail Merge), 271

Examples

01-01 Xojo Program, 16
02-01 Open Word, 18
02-02 Open Word File, 20
02-03 Word Instance, 21
02-04 Create and Close a Document, 22
02-05 Close without Saving, 23
02-06 Close by Brute Force, 24
02-07 Open Password File, 24
02-08 Create PDF File, 26

- 02-09 Save HTM File, 28
02-10 Save UTF-8 File, 29
02-11 Open UTF-8 File, 32
02-12 List Open Word Documents, 38
02-13 Search for a Document, 40
02-14 Close Searched Document, 43
02-15 FileDialog SaveAs, 47
03-01 Add Text, 49
03-01 Add Text Snippet, 49
03-01 Bold Text, 50
03-01 Font Size, 50
03-02 Change Type, Size, and Bold Text, 50
03-02 Font Type, 50
03-03 Font Italic Snippet, 52
03-03 Font Shadow Snippet, 52
03-03 Font Strikethrough Snippet, 52
03-03 Italic, Strikethrough, and Shadow, 52
03-04 Change Underline Type, 54
03-04 Font Underline Snippet, 54
03-05 Word Underline Snippet, 55
03-05 Word Underline Type, 55
03-06 Font Underline Snippet, 57
03-06 Underline Colour, 57
03-07 Super and Sub Script, 58
03-07 Text superscript and subscript Snippet, 58
03-08 Text Colour Change, 60
03-08 Text Colour Snippet, 59
03-09 Text Background Colour Change, 61
03-09 Text Background Colour Snippet, 61
03-10 Text Animation, 62
03-10 Text Animation Snippet, 62
03-11 Highlight Text, 64
03-12 UnHighlight Text, 65
04-01 Select All Document Info Snippet, 67
04-01 Select All Info, 68
04-02 Beginning of Document, 70
04-02 Beginning of Document Snippet, 69
04-03 End of Document, 72
04-03 End of Document Snippet, 71
04-04 Add Text to Page Header, 73
04-04 Page Header Snippet, 73
04-05 Add Text to Page Footer, 75
04-05 Page Footer Snippet, 74
04-06 Cursor to Beginning of Line Snippet, 75
04-06 Move Cursor to Beginning of Line, 76
04-07 Cursor to End of Line Snippet, 77
04-07 Move Cursor to End of Line, 77
04-08 Move Up Two Paragraphs, 79
04-08 Move Up Two Paragraphs Snippet, 78
04-09 Move Down a Paragraph, 80
04-09 Move Down a Paragraphs Snippet, 80
05-01 Centre Align Paragraphs, 83
05-01 Paragraph Alignment Snippet, 82
05-02 Get Outline Level, 85
05-02 Get Outline Level Snippet, 84
05-03 Set Outline Level, 86
05-03 Set Outline Level Snippet, 86
05-04 Changing Paragraph Index Types, 90
05-04 Indent Types Snippet, 88
05-05 Optional Spacing Parameter, 92
05-05 Paragraph Spacing, 93
05-05 Paragraph Spacing Snippet, 92
05-06 Inserting a Page Break, 94
05-06 Page Break Snippet, 94
05-07 Counting Document Paragraphs, 96
05-07 Paragraph Count Snippet, 95
06-01 Basic Table of Contents, 98
06-02 Advanced Table of Contents, 101
06-02 Advanced Table of Contents Snippet, 100
06-03 Refresh Table of Contents Snippet, 103
06-03 Updating a Table of Contents, 103
07-01 Find and Select Snippet, 105
07-01 Find and Select Text, 106

- 07-02 Replacing Without Selecting Snippet, 108
- 07-02 Replacing Without Selecting Text, 110
- 07-03 Bolding Replaced Text Snippet, 111
- 07-03 Bolding When Replacing Text, 112
- 07-04 Insert Text Before Snippet, 113
- 07-04 Inserting Text Before a Paragraph, 114
- 07-05 Insert Text After Snippet, 115
- 07-05 Inserting Text After a Paragraph, 116
- 07-06 Selecting Text and Brackets, 117
- 07-07 Selecting Text Without Brackets, 119
- 07-08 Deleting Text and Brackets, 121
- 07-09 Add Brackets to Text, 123
- 08-01 Inserting Breaks, 125
- 09-01 Adding a Simple Table, 127
- 09-01 Simple Table Snippet, 126
- 09-02 Table Autoformat, 131
- 09-02 Table Autoformat Snippet, 129
- 09-03 Populating a Table, 133
- 09-03 Populating a Table Snippet, 133
- 09-04 Row and Column Count Snippet, 134
- 09-04 Table Column and Row Count, 135
- 09-05 Select Rows and Columns Snippet, 136
- 09-05 Selecting Table Cells, 137
- 09-06 Select a Column and Bold Snippet, 138, 142
- 09-06 Selecting a Column and Bold, 139
- 09-07 Select Multiple Columns and Bold, 141
- 09-07 Select Multiple Columns and Bold Snippet, 140
- 09-08 Select Single Row, 143
- 09-09 Select Multiple Rows and Bold, 145
- 09-09 Select Multiple Rows and Bold Snippet, 144
- 09-10 Background Colour Shading, 147
- 09-10 Background Colour Shading Snippet, 147
- 09-10 Convert RGB to Word Colour, 150
- 09-10 Converting Colour Value to RGB, 151
- 09-11 Cell Texture, 153
- 09-11 Cell Texture Code Snippet, 153
- 09-12 Table Cell Boarder, 156
- 09-12 Table Cell Boarder Snippet, 155
- 09-13 Select a Single Cell, 159
- 09-13 Select a Single Cell Snippet, 159
- 09-14 Table Math, 162
- 09-14 Table Math Snippet, 162
- 09-15 Get Table Cell Value, 165
- 09-15 Get Table Cell Value Snippet, 165
- 09-16 Sort Table Data, 168
- 09-16 Sorting Table Data Snippet, 166
- 09-17 Cell Shading, 170
- 09-18 Add Picture to Table, 172
- 10-01 Inserting a Picture, 175
- 10-01 Inserting a Picture Snippet, 174
- 10-02 Insert a Shape, 177
- 10-02 Inserting a Shape Snippet, 176
- 10-03 SmartArt Code Snippet, 181
- 10-04 Insert a Chart, 188
- 10-05 Insert a Hyperlink, 191
- 10-05 Insert a Hyperlink Snippet, 191
- 10-06 A Bookmark, 192
- 10-06a Goto a Bookmark, 193
- 10-07 Delete a Bookmark, 194
- 10-07 Delete a Bookmark Snippet, 194
- 10-08 Add Page Number, 196
- 10-08 Add Page Number Code Snippet, 196
- 10-09 Display Page X of Y in Header, 198
- 10-10 Inserting a Textbox, 200
- 10-10 Inserting a Textbox Snippet, 200
- 10-11 Insert a Dropcap, 202
- 10-12 Insert Date and Time, 205
- 10-13 Insert a Symbol, 207
- 10-13 Insert a Symbol Snippet, 206
- 10-14 Insert an Equation, 208
- 11-1 Print Preview, 211

- 11-1 Print Preview Snippet, 210
- 11-2 Direct Print, 212
- 11-2 Direct Print Code Snippet, 211
- 11-3 Get Printer Settings, 213
- 11-4 Get Page Margins, 216
- 11-5 Setting Page Margins, 218
- 11-6 Page Orientation, 219
- 11-7 Paper Size, 221
- 11-8 Print Pages with PrintOut, 226
- 12-1 Adding a Watermark, 227
- 12-2 Change Background Colour, 228
- 12-3 Display Ruler Snippet, 233
- 12-3 Tab Stops, 231
- 13-01 Add a Footnote, 234
- 13-02 Add an Endnote, 237
- 13-03 Adding a Caption, 239
- 14-01 Create an Excel List for Word, 244
- 14-02 Adding Mail Merge Fields to a Document, 251
- 14-03 Mail Merge Preview, 254
- 14-04 Print Mail Merge, 258
- 14-05 Label Mail Merge Code, 261
- 14-06 Envelope Mail Merge (Bug), 265
- 14-07 Partial Envelope, 268
- 15-01 Create a Standard Envelope, 272
- 16-01 CheckBox, 275
- 16-02 ComboBox, 278
- 16-03 ControlDate Picker, 280
- 16-04 Dropdown List, 282
- 16-05 Add Picture, 284
- 16-06 Plain Text, 286
- 16-07 Rich Text Bullets, 288
- ExportAsFixedFormat, 26
- File Open, 32
- File Save, 29
- FileDialog Type
 - msoFileDialogFilePicker, 47
 - msoFileDialogFolderPicker, 47
 - msoFileDialogOpen, 47
- msoFileDialogSaveAs, 47
- Files, 17
- Find Parameters, 105
- Finding and Selecting Text, 105
- Footer, 74
- FormFields, 276
- Gallery Types, 289
- Get Outline Level, 84
- Get Page Margins, 216
- Get Printer Settings, 213
- Get Table Cell Value, 164
- Header, 73
- HighlightColorIndex, 65
- HTM, 27
- InchesToPoints, 88, 90
- Indent Types Example, 87
- Indents, 87
 - First Line, 87
 - Hanging, 87
 - None, 87
- InlineShapes, 172
- Insert, 174
- Insert a Bookmark, 192, 195
- Insert a Caption, 238
- Insert a Chart (Advanced), 187

- Insert a Date and Time, 203
- Insert a Dropcap, 201
- Insert a Footnote, 234
- Insert a Hyperlink, 190
- Insert a Symbol, 206
- Insert a Textbox, 199
- Insert an Endnote, 237
- Insert an Equation, 208
- Insert Breaks, 125
- Insert Page Number, 197
- Insert Shapes, 176
- Insert SmartArt, 180
- Insert Text After, 115
- Insert Text Before, 113
- Inserting a Picture, 174
- Inserting Text, 113
- Instance, 20
- Justify Paragraph Alignment, 82
- Label Mail Merge, 261
- Letter Mail Merge, 241
- LineEndingType
 - wdCRLF, 30
 - wdCROnly, 30
 - wdLFOnly, 30
 - wdLRCR, 30
- wdLSPS, 30
- ListFormat, 288
- ListGalleries, 288
- ListGallery
 - wdBulletGallery, 289
 - wdNumberGallery, 289
 - wdOutlineNumberGallery, 289
- ListTemplates, 288
- Math
 - Average, 162
 - Count, 162
 - Max, 162
 - Min, 162
 - Sum, 162
 - Max, 162
 - Min, 162
- Modifying Body Text Data, 49
- Movement of Text, 67
- MSOfficeAutomation.rbx Plugin, 18
- Name, 288
- Office
 - msoShape16pointStar, 178
 - msoShape24pointStar, 178
 - msoShape32pointStar, 178
 - msoShape4pointStar, 178
 - msoShape5pointStar, 178
 - msoShape8pointStar, 178
 - msoShapeActionButtonBackorPrevious, 178
 - msoShapeActionButtonBeginning, 178
 - msoShapeActionButtonCustom, 178
 - msoShapeActionButtonDocument, 178
 - msoShapeActionButtonEnd, 178

msoShapeActionButtonForwardorNext, 178
msoShapeActionButtonHelp, 178
msoShapeActionButtonHome, 178
msoShapeActionButtonInformation, 178
msoShapeActionButtonMovie, 178
msoShapeActionButtonReturn, 178
msoShapeActionButtonSound, 178
msoShapeArc, 178
msoShapeBalloon, 178
msoShapeBentArrow, 178
msoShapeBentUpArrow, 178
msoShapeBevel, 178
msoShapeBlockArc, 178
msoShapeCan, 178
msoShapeChevron, 178
msoShapeCircularArrow, 178
msoShapeCloudCallout, 178
msoShapeCross, 178
msoShapeCube, 178
msoShapeCurvedDownArrow, 178
msoShapeCurvedDownRibbon, 178
msoShapeCurvedLeftArrow, 178
msoShapeCurvedRightArrow, 178
msoShapeCurvedUpArrow, 178
msoShapeCurvedUpRibbon, 179
msoShapeDiamond, 179
msoShapeDonut, 179
msoShapeDoubleBrace, 179
msoShapeDoubleBracket, 179
msoShapeDoubleWave, 179
msoShapeDownArrow, 179
msoShapeDownArrowCallout, 179
msoShapeDownRibbon, 179
msoShapeExplosion1, 179
msoShapeExplosion2, 179
msoShapeFlowchartAlternateProcess, 179
msoShapeFlowchartCard, 179
msoShapeFlowchartCollate, 179
msoShapeFlowchartConnector, 179
msoShapeFlowchartData, 179
msoShapeFlowchartDecision, 179

msoShapeFlowchartDelay, 179
msoShapeFlowchartDirectAccessStorage, 179
msoShapeFlowchartDisplay, 179
msoShapeFlowchartDocument, 179
msoShapeFlowchartFlowchartSort, 178
msoShapeFlowchartInternalStorage, 179
msoShapeFlowchartMagneticDisk, 179
msoShapeFlowchartManualInput, 179
msoShapeFlowchartManualOperation, 179
msoShapeFlowchartMerge, 179
msoShapeFlowchartMultidocument, 179
msoShapeFlowchartOffpageConnector, 179
msoShapeFlowchartPredefinedProcess, 179
msoShapeFlowchartPreparation, 179
msoShapeFlowchartProcess, 179
msoShapeFlowchartPunchedTape, 179
msoShapeFlowchartSequentialAccessStorage, 178
msoShapeFlowchartStoredData, 178
msoShapeFlowchartSwimmingJunction, 178
msoShapeFlowchartTerminator, 178
msoShapeFlowExtract, 179
msoShapeFoldedCorner, 178
msoShapeHeart, 178
msoShapeHexagon, 178
msoShapeHorizontalScroll, 178
msoShapeIsoscelesTriangle, 178
msoShapeLeftArrow, 178
msoShapeLeftArrowCallout, 178
msoShapeLeftBrace, 178
msoShapeLeftRightArrow, 178
msoShapeLeftRightArrowCallout, 178
msoShapeLeftRightUpArrow, 178
msoShapeLightningBolt, 178
msoShapeLineCallout1, 178
msoShapeLineCallout1AccentBar, 178
msoShapeLineCallout1BorderandAccentBar, 178

msoShapeLineCallout1NoBorder, 178
msoShapeLineCallout2, 178
msoShapeLineCallout2AccentBar, 178
msoShapeLineCallout2BorderandAccentB
 ar, 178
msoShapeLineCallout2NoBorder, 178
msoShapeLineCallout3, 178
msoShapeLineCallout3AccentBar, 178
msoShapeLineCallout3BorderandAccentB
 ar, 178
msoShapeLineCallout3NoBorder, 178
msoShapeLineCallout4, 178
msoShapeLineCallout4AccentBar, 178
msoShapeLineCallout4BorderandAccentB
 ar, 178
msoShapeLineCallout4NoBorder, 178
msoShapeMixed, 178
msoShapeMoon, 178
msoShapeNoSymbol, 179
msoShapeNotchedRightArrow, 179
msoShapeNotPrimitive, 179
msoShapeOctagon, 179
msoShapeOval, 179
msoShapeOvalCallout, 179
msoShapeParallelogram, 179
msoShapePentagon, 179
msoShapePlaque, 179
msoShapeQuadArrow, 179
msoShapeQuadArrowCallout, 179
msoShapeRectangle, 179
msoShapeRectangularCallout, 179
msoShapeRegularPentagon, 179
msoShapeRightArrow, 179
msoShapeRightArrowCallout, 179
msoShapeRightBrace, 179
msoShapeRightBracket, 179
msoShapeRightTriangle, 179
msoShapeRoundedRectangle, 179
msoShapeRoundedRectangularCallout,
 179
msoShapeSmileyFace, 179
msoShapeStripedRightArrow, 179
msoShapeSun, 179

msoShapeTrapezoid, 179
msoShapeUpArrow, 179
msoShapeUpArrowCallout, 179
msoShapeUpDownArrow, 179
msoShapeUpDownArrowCallout, 179
msoShapeUpRibbon, 179
msoShapeUTurnArrow, 179
msoShapeVerticalScroll, 179
msoShapeWave, 179
msoTextEffect1, 184
msoTextEffect10, 184
msoTextEffect11, 184
msoTextEffect12, 184
msoTextEffect13, 184
msoTextEffect14, 184
msoTextEffect15, 184
msoTextEffect16, 184
msoTextEffect17, 184
msoTextEffect18, 184
msoTextEffect19, 184
msoTextEffect2, 184
msoTextEffect20, 184
msoTextEffect21, 184
msoTextEffect22, 184
msoTextEffect23, 184
msoTextEffect24, 184
msoTextEffect25, 184
msoTextEffect26, 184
msoTextEffect27, 184
msoTextEffect28, 184
msoTextEffect3, 184
msoTextEffect4, 184
msoTextEffect5, 184
msoTextEffect6, 184
msoTextEffect7, 184
msoTextEffect8, 184
msoTextEffect9, 184
msoTextOrientationDownward, 201
msoTextOrientationHorizontal, 201
msoTextOrientationHorizontalRotatedFar
 East, 201
msoTextOrientationUpward, 201
msoTextOrientationVertical, 201

msoTextOrientationVerticalFarEast, 201
msoThemeAccent1, 230
msoThemeAccent2, 230
msoThemeAccent3, 230
msoThemeAccent4, 230
msoThemeAccent5, 230
msoThemeAccent6, 230
msoThemeDark1, 230
msoThemeDark2, 230
msoThemeFollowedHyperlink, 230
msoThemeHyperlink, 230
msoThemeLight1, 230
msoThemeLight2, 230
msoThreeD1, 184
msoThreeD10, 184
msoThreeD11, 184
msoThreeD12, 184
msoThreeD13, 184
msoThreeD14, 184
msoThreeD15, 184
msoThreeD16, 184
msoThreeD17, 184
msoThreeD18, 184
msoThreeD19, 184
msoThreeD2, 184
msoThreeD20, 184
msoThreeD3, 184
msoThreeD4, 184
msoThreeD5, 184
msoThreeD6, 184
msoThreeD7, 184
msoThreeD8, 184
msoThreeD9, 184
msoWarpFormat1, 185
msoWarpFormat10, 185
msoWarpFormat11, 185
msoWarpFormat12, 185
msoWarpFormat13, 185
msoWarpFormat14, 185
msoWarpFormat15, 185
msoWarpFormat16, 185
msoWarpFormat17, 185
msoWarpFormat18, 185
msoWarpFormat19, 185
msoWarpFormat2, 185
msoWarpFormat20, 185
msoWarpFormat21, 185
msoWarpFormat22, 185
msoWarpFormat23, 185
msoWarpFormat24, 185
msoWarpFormat25, 185
msoWarpFormat26, 185
msoWarpFormat27, 185
msoWarpFormat28, 185
msoWarpFormat29, 185
msoWarpFormat3, 185
msoWarpFormat30, 185
msoWarpFormat4, 185
msoWarpFormat5, 185
msoWarpFormat6, 185
msoWarpFormat7, 185
msoWarpFormat8, 185
msoWarpFormat9, 185
wd wdStyleDot, 158
wdAlignPageNumberCenter, 196
wdAlignPageNumberInside, 196
wdAlignPageNumberLeft, 196
wdAlignPageNumberOutside, 196
wdAlignPageNumberRight, 196
wdAlignParagraphCenter, 82
wdAlignParagraphDistribute, 82
wdAlignParagraphJustify, 82
wdAlignParagraphLeft, 82
wdAlignParagraphRight, 82
wdAlignTabBar, 232
wdAlignTabCenter, 232
wdAlignTabDecimal, 232
wdAlignTabLeft, 232
wdAlignTabList, 232
wdAlignTabRight, 232
wdAnimationBlinkingBackground, 62
wdAnimationLasVegasLights, 62
wdAnimationMarchingBlackAnts, 62
wdAnimationMarchingRedAnts, 62
wdAnimationNone, 62
wdAnimationShimmer, 62

wdAnimationSparkleText, 62
wdAutoFitContent, 128
wdAutoFitFixed, 128
wdAutoFitWindow, 128
wdBeneathText, 235
wdBorderBottom, 157
wdBorderHorizontal, 157
wdBorderLeft, 157
wdBorderRight, 157
wdBorderTop, 157
wdBorderVertical, 157
wdBottomOfPage, 235
wdCalendarTypeArabic, 204
wdCalendarTypeBidi, 204
wdCalendarTypeChina, 204
wdCalendarTypeGregorian, 204
wdCalendarTypeHebrew, 204
wdCalendarTypeJapan, 204
wdCalendarTypeKorean, 204
wdCalendarTypeSakaEra, 204
wdCalendarTypeThai, 204
wdCalendarTypeWestern, 204
wdCaptionEquation, 240
wdCaptionFigure, 240
wdCaptionPositionAbove, 240
wdCaptionPositionBelow, 240
wdCaptionTable, 240
wdCharacter, 69, 120
wdColorAqua, 56, 149
wdColorAutomatic, 56, 149
wdColorBlack, 56, 149
wdColorBlue, 56, 149
wdColorBlueGray, 56
wdColorBrightGreen, 56, 149
wdColorBrown, 56, 149
wdColorDarkBlue, 56, 149
wdColorDarkGreen, 56, 149
wdColorDarkRed, 56, 149
wdColorDarkTeal, 56, 149
wdColorDarkYello, 149
wdColorDarkYellow, 56
wdColorGold, 56, 149
wdColorGray, 149
wdColorGray05, 56, 149
wdColorGray10, 56, 149
wdColorGray125, 56, 149
wdColorGray15, 56, 149
wdColorGray20, 56, 149
wdColorGray25, 56, 149
wdColorGray30, 56, 149
wdColorGray35, 56, 149
wdColorGray375, 56, 149
wdColorGray40, 56, 149
wdColorGray45, 56, 149
wdColorGray50, 57, 149
wdColorGray55, 57, 149
wdColorGray60, 56, 149
wdColorGray625, 56, 149
wdColorGray65, 56, 149
wdColorGray70, 56, 149
wdColorGray75, 56, 149
wdColorGray80, 56, 149
wdColorGray85, 56, 149
wdColorGray875, 149
wdColorGray90, 56, 149
wdColorGray95, 56, 149
wdColorGreen, 149
wdColorIndigo, 56, 149
wdColorLavender, 56, 149
wdColorLightBlue, 56, 149
wdColorLightGreen, 56, 149
wdColorLightOrange, 56, 149
wdColorLightTurquoise, 56, 149
wdColorLightYellow, 56, 149
wdColorLime, 149
WdColorLime, 56
wdColorOliveGreen, 56, 149
wdColorOrange, 56, 149
wdColorPaleBlue, 56, 149
wdColorPink, 57, 149
wdColorPlum, 57, 149
wdColorRed, 56, 149
wdColorRose, 56, 149
wdColorSeaGreen, 56, 149
wdColorSkyBlue, 56, 149
wdColorTan, 56, 149

wdColorTeal, 56, 149
wdColorTurquoise, 56, 149
wdColorViolet, 56, 149
wdColorWhite, 56, 149
wdColorYellow, 56, 149
wdColumn, 69
wdColumnBreak, 126
wdDateLanguageBidi, 203, 206
wdDateLanguageLatin, 203, 206
wdDropMargin, 203
wdDropNone, 203
wdDropNormal, 203
wdEndOfDocument, 238
wdEndOfSection, 238
wdExportFormatPDF, 26
wdExportFormatXPS, 26
wdExtend, 138
wdFindAsk, 106
wdFindContinue, 106
wdFindStop, 105, 106
wdFormatDocument, 27
wdFormatDocumentDefault, 27
wdFormatDocumentMacroEnabled, 27
wdFormatDOSText, 27
wdFormatFilteredHTML, 27
wdFormatFlatXML, 27
wdFormatFlatXMLTemplate, 27
wdFormatFlatXMLTemplateMacroEnable
d, 27
wdFormatHTML, 27
wdFormatOpenDocumentText, 27
wdFormatPDF, 27
wdFormatRTF, 27
wdFormatStrictOpenXMLDocument, 27
wdFormatTemplate, 27
wdFormatText, 27
wdFormatTextLineBreaks, 27
wdFormatUnicodeText, 27
wdFormatWebArchive, 27
wdFormatXML, 27
wdFormatXMLDocument, 27
wdFormatXMLTemplate, 27
wdFormatXMLTemplateMacroEnabled,
27
wdFormatXPS, 27
wdGotoBookmark, 192
wdLeaderDashes, 232
wdLeaderDots, 232
wdLeaderHeavy, 232
wdLeaderLines, 232
wdLeaderMiddleDot, 232
wdLeaderSpaces, 232
wdLine, 75, 76, 77, 78, 80, 81
wdLineBreak, 126
wdLineSpace1pt5, 92
wdLineSpaceAtLeast, 92
wdLineSpaceDouble, 92
wdLineSpaceExactly, 92
wdLineSpaceMultiple, 92
wdLineSpaceSingle, 92
wdMasterView, 199
wdMove, 138
wdNormalView, 199
wdNoteNumberStyleArabic, 236
wdNoteNumberStyleArabicLetter1, 236
wdNoteNumberStyleArabicLetter2, 236
wdNoteNumberStyleHebrewLetter1, 236
wdNoteNumberStyleHebrewLetter2, 236
wdNoteNumberStyleHindiArabic, 236
wdNoteNumberStyleHindiCardinalText,
236
wdNoteNumberStyleHindiLetter1, 236
wdNoteNumberStyleHindiLetter2, 236
wdNoteNumberStyleKanji, 236
wdNoteNumberStyleKanjiDigit, 236
wdNoteNumberStyleKanjiTraditional, 236
wdNoteNumberStyleLowercaseLetter,
236
wdNoteNumberStyleLowercaseRoman,
236
wdNoteNumberStyleNumberInCircle, 236
wdNoteNumberStyleSimpChinNum1, 236
wdNoteNumberStyleSimpChinNum2, 236
wdNoteNumberStyleSymbol, 236
wdNoteNumberStyleThaiArabic, 236

wdNoteNumberStyleThaiCardinalText, 236
wdNoteNumberStyleThaiLetter, 236
wdNoteNumberStyleTradChinNum1, 236
wdNoteNumberStyleTradChinNum2, 236
wdNoteNumberStyleUppercaseLetter, 236
wdNoteNumberStyleUppercaseRoman, 236
wdNoteNumberStyleVietCardinalText, 236
wdNotThemeColor, 229
wdOpenFormatAuto, 248
wdOpenFormatDocument, 248
wdOpenFormatMacReadable, 248
wdOpenFormatRTF, 248
wdOpenFormatTemplate, 248
wdOpenFormatText, 248
wdOpenFormatUnicodeText, 248
wdOpenFormatWebPages, 248
wdOutlineLevel1, 85
wdOutlineLevel2, 85
wdOutlineLevel3, 85
wdOutlineLevel4, 85
wdOutlineLevel5, 85
wdOutlineLevel6, 85
wdOutlineLevel7, 85
wdOutlineLevel8, 85
wdOutlineLevel9, 85
wdOutlineLevelBodyText, 85
wdOutlineView, 199
wdPageBreak, 94, 126
wdPaper10x14, 221
wdPaper11x17, 221
wdPaperA3, 221
wdPaperA4, 221
wdPaperA4Small, 221
wdPaperA5, 221
wdPaperB4, 222
wdPaperB5, 222
wdPaperCSheet, 222
wdPaperCustom, 222
wdPaperDSheet, 222
wdPaperEnvelope10, 222
wdPaperEnvelope11, 222
wdPaperEnvelope12, 222
wdPaperEnvelope14, 222
wdPaperEnvelope9, 222
wdPaperEnvelopeB4, 222
wdPaperEnvelopeB5, 222
wdPaperEnvelopeB6, 222
wdPaperEnvelopeC3, 222
wdPaperEnvelopeC4, 222
wdPaperEnvelopeC5, 222
wdPaperEnvelopeC6, 222
wdPaperEnvelopeC65, 222
wdPaperEnvelopeDL, 222
wdPaperEnvelopeItaly, 222
wdPaperEnvelopeMonarch, 222
wdPaperEnvelopePersonal, 222
wdPaperESheet, 222
wdPaperExecutive, 221
wdPaperFanfoldLegalGerman, 222
wdPaperFanfoldStdGerman, 222
wdPaperFanfoldUS, 222
wdPaperFolio, 222
wdPaperLedger, 222
wdPaperLegal, 221
wdPaperLetter, 221
wdPaperLetterSmall, 221
wdPaperNote, 222
wdPaperQuarto, 222
wdPaperStatement, 222
wdPaperTabloid, 222
wdParagraph, 69, 78, 80
wdPrintAllDocument, 225
wdPrintAllPages, 225
wdPrintAutoTextEntries, 225
wdPrintComments, 225
wdPrintCurrentPage, 225
wdPrintDocumentContent, 225
wdPrintDocumentWithMarkup, 225
wdPrintEnvelope, 225
wdPrintEvenPagesOnly, 225
wdPrintFromTo, 225
wdPrintKeyAssignments, 225

wdPrintMarkup, 225
wdPrintOddPagesOnly, 225
wdPrintPreview, 199
wdPrintProperties, 225
wdPrintRangeOfPages, 225
wdPrintSelection, 225
wdPrintStyles, 225
wdPrintView, 199
wdReadingView, 199
wdReplaceAll, 110
wdReplaceNone, 110
wdReplaceOne, 110
wdRestartContinuous, 235
wdRestartPage, 235
wdRestartSection, 235
wdRow, 69
wdSection, 69
wdSectionBreak, 126
wdSectionBreakClearLeft, 126
wdSectionBreakClearRight, 126
wdSectionBreakContinuous, 126
wdSectionBreakEvenPage, 126
wdSectionBreakNextPage, 126
wdSectionBreakOddPage, 126
WdSeekCurrentPageHeader, 73, 74
wdSentence, 69
wdSortFieldAlphanumeric, 168
wdSortFieldDate, 168
wdSortFieldJapanJIS, 168
wdSortFieldKoreaKS, 168
wdSortFieldnumeric, 168
wdSortFieldStroke, 168
wdSortFieldSyllable, 168
wdSortOrderAscending, 168
wdSortOrderDescending, 168
wdStory, 69, 71
wdStyleDashDot, 158
wdStyleDashDotDot, 158
wdStyleDashDotStroked, 158
wdStyleDashLargeGap, 158
wdStyleDashSmallGap, 158
wdStyleDouble, 158
wdStyleDoubleWavy, 158
wdStyleEmboss3D, 158
wdStyleEngrave3D, 158
wdStyleNone, 158
wdStyleSingle, 158
wdStyleSingleWavy, 158
wdStyleThickThinLargeGap, 158
wdStyleThickThinMedGap, 158
wdStyleThickThinSmallGap, 158
wdStyleThinThickLargeGap, 158
wdStyleThinThickMedGap, 158
wdStyleThinThickSmallGap, 158
wdStyleThinThickThinLargeGap, 158
wdStyleThinThickThinMedGap, 158
wdStyleTriple, 158
wdTable, 69
wdTableFormat3DEffects1, 130
wdTableFormat3DEffects2, 130
wdTableFormat3DEffects3, 130
wdTableFormatClassic1, 129
wdTableFormatClassic2, 129
wdTableFormatClassic3, 129
wdTableFormatClassic4, 129
wdTableFormatColorful1, 130
wdTableFormatColorful2, 130
wdTableFormatColorful3, 130
wdTableFormatColumns1, 130
wdTableFormatColumns2, 130
wdTableFormatColumns3, 130
wdTableFormatColumns4, 130
wdTableFormatColumns5, 130
wdTableFormatContemporary, 130
wdTableFormatElegant, 130
wdTableFormatGrid1, 130
wdTableFormatGrid2, 130
wdTableFormatGrid3, 130
wdTableFormatGrid4, 130
wdTableFormatGrid5, 130
wdTableFormatGrid6, 130
wdTableFormatGrid7, 130
wdTableFormatGrid8, 130
wdTableFormatList1, 130
wdTableFormatList2, 130
wdTableFormatList3, 130

wdTableFormatList4, 130
wdTableFormatList5, 130
wdTableFormatList6, 130
wdTableFormatList7, 130
wdTableFormatList8, 130
wdTableFormatNone, 129
wdTableFormatProfessional, 130
wdTableFormatSimple1, 129
wdTableFormatSimple2, 129
wdTableFormatSimple3, 129
wdTableFormatSubtle1, 130
wdTableFormatSubtle2, 130
wdTableFormatWeb1, 130
wdTableFormatWeb2, 130
wdTableFormatWeb3, 130
wdTexture10Percent, 152
wdTexture12pt5Percent, 152
wdTexture15Percent, 152
wdTexture17pt5Percent, 152
wdTexture20Percent, 152
wdTexture22pt5Percent, 152
wdTexture25Percent, 152
wdTexture27pt5Percent, 152
wdTexture2pt5Percent, 152
wdTexture30Percent, 152
wdTexture35Percent, 153
wdTexture37pt5Percent, 153
wdTexture40Percent, 153
wdTexture42pt5Percent, 153
wdTexture45Percent, 152
wdTexture47pt5Percent, 152
wdTexture50Percent, 152
wdTexture52pt5Percent, 152
wdTexture55Percent, 152
wdTexture57pt5Percent, 152
wdTexture5Percent, 152
wdTexture60Percent, 152
wdTexture62pt5Percent, 152
wdTexture65Percent, 152
wdTexture67pt5Percent, 152
wdTexture70Percent, 152
wdTexture72pt5Percent, 152
wdTexture75Percent, 152
wdTexture77pt5Percent, 152
wdTexture7pt5Percent, 152
wdTexture80Percent, 153
wdTexture82pt5Percent, 153
wdTexture85Percent, 153
wdTexture87pt5Percent, 153
wdTexture90Percent, 152
wdTexture92pt5Percent, 152
wdTexture95Percent, 152
wdTexture97pt5Percent, 152
wdTextureCross, 153
wdTextureDarkCross, 152
wdTextureDarkDiagonalCross, 152
wdTextureDarkDiagonalDown, 152
wdTextureDarkDiagonalUp, 152
wdTextureDarkHorizontal, 152
wdTextureDarkVertical, 152
wdTextureDiagonalCross, 153
wdTextureDiagonalDown, 152
wdTextureDiagonalUp, 153
wdTextureHorizontal, 152
wdTextureNone, 152
wdTextureTextureSolid, 152
wdTextureVertical, 152
wdTextWrappingBreak, 126
wdThemeColorAccent1, 229
wdThemeColorAccent2, 229
wdThemeColorAccent3, 229
wdThemeColorAccent4, 229
wdThemeColorAccent5, 229
wdThemeColorAccent6, 229
wdThemeColorBackground1, 229
wdThemeColorBackground2, 229
wdThemeColorFollowedHyperlink, 229
wdThemeColorHyperlink, 229
wdThemeColorMainDark1, 229
wdThemeColorMainDark2, 229
wdThemeColorMainLight1, 229
wdThemeColorMainLight2, 229
wdThemeColorText1, 229
wdThemeColorText2, 229
WdUnderlineDash, 53
WdUnderlineDashHeavy, 54

- WdUnderlineDashLong, 54
- WdUnderlineDashLongHeavy, 54
- WdUnderlineDotDash, 53
- WdUnderlineDotDashHeavy, 54
- WdUnderlineDotDotDash, 53
- WdUnderlineDotDotDashHeavy, 54
- WdUnderlineDotted, 53
- WdUnderlineDottedHeavy, 53
- WdUnderlineDouble, 53
- WdUnderlineNone, 53
- WdUnderlineSingle, 53
- WdUnderlineThick, 53
- WdUnderlineWavy, 53
- WdUnderlineWavyDouble, 54
- WdUnderlineWavyHeavy, 54
- WdUnderlineWords, 53
- wdWebView, 199
- wdWord, 69
- wdWord8TableBehavior, 128
- wdWord9TableBehavior, 128
- Office Plugin, 18
- Open an Existing Word File, 19
- Open File, 32
- Open with Password, 24
- Orientation, 219
- Outline Level
 - Get, 84
 - Set, 86
- Outline Level Parameters, 85
- Page Background Colour, 228
- Page Break, 94
- Page Footer, 74
- Page Header, 73
- Page Layout, 227
- Page Margins, 216
- Page Number, 195
- Page X of Y, 197
- Pages, 125
- Paper Size, 220
- Paragraph Add, 98
- Paragraph Alignment Parameters, 82
- Paragraph Move Down, 80
- Paragraph Move Up, 78
- Paragraph Select, 202
- Paragraph Spacing, 92
- ParagraphFormat, 288
- Paragraphs, 82
- Parameters
 - Calendar Type Parameters, 204
 - CaptionPositions, 240
 - Colour Key Words, 149
 - Date Language Parameters, 203
 - DropCap Parameters, 203
 - Endnote Location, 238
 - ExportAsFixedFormat, 26
 - Find Execute, 109
 - Find Replace, 110
 - Find Wrap, 106
 - Footnote Location, 235
 - Insert Symbol, 206
 - Insert Tabs, 232
 - InsertCaption, 239
 - InsertDateTime Parameters, 203

Inserting Breaks, 126
Line Spacing, 92
Line Table of Contents, 99
MailMerge Connection OLEDB Engine
 Types, 249
MailMerge.OpenDataSource, 245
Note Number Styles, 236
Numbering Rule, 235
Open Properties, 25
Page Number Alignment Parameters, 196
Page PrintOutItem, 225
Page View Parameters, 199
PageType, 225
Paper Size, 221
PrintOut, 223
Range Print, 225
SaveAs2, 27
Shape, 178
SmartArt Layout, 181
Sort Table Field, 168
Symbol Bias, 206
Tab Alignment, 232
Tab Leader, 232
Table Auto Fit, 128
Table Autoformat, 129
Table Behaviour, 128
Table Boarder, 157
Table Line Style, 158
Table Math, 162
Table Sort Selection, 167
Table Sorting Order, 168
Table Type Formats, 129
Text Orientation Parameters, 201
Text Three D, 184
Text Warp Format, 185
Texture, 152
Theme Accent, 230
Theme Colours, 229
wdCalendarType Parameters, 204
wdCaptionLabelID, 240
wdDateLanguage Parameters, 203
wdOpenFormat, 248
Word Art Format Text Effect, 184
ParentContentControl, 278
Tag, 278
Title, 278
Partial Envelope Mail Merge, 268
Password File, 24
PDF File, 26
Picture, 283
Plain Text, 285
Plugin Office, 18
Populating a Table, 132
Preview Mail Merge Result, 253
Print a Mail Merge Run, 257
Print Directly to the Printer, 211
Print Preview, 210
Printer Settings, 213
Printing, 210
PrintOut, 223
PrintOut (Partial), 223
References, 234, 241
Refresh Table of Contents, 102
RemoveNumbers, 288
Replacing While Bolding Text, 111
Replacing Without Selecting Text, 108
Rich Text, 287

Save File, 29
SaveAs2, 27, 28, 29
SaveAsPDF, 26
Select a Multiple Columns, 140
Select a Multiple Rows, 144
Select a Single Cell, 159
Select a Single Column, 138
Select All Information, 67
Select Cells in a Table, 136
Selecting Text, 116
Selecting Text and Brackets, 116
Selection of Text, 67
Set Outline Level, 86
Set Page Margins, 218
Set Page Orientation, 219
Shading a Row of Cells, 170
size, 288
Sorting a Table, 166
Start of Document, 69
Sum, 162
Tab Stops, 230
Table Cell Boarders, 155
Table of Contents, 97
Advanced, 99
Basic, 97
Refresh, 102
Table of Contents Parameters, 99
Table Row and Column Count, 134
Tables, 126
Create a Simple Table, 126
Text
Adding, 49
Background Colour, 61, 62
Bold, 50
Colour, 59
Font Size, 50
Font Type, 50
Italic, 52
Shadow, 52
Strikethrough, 52
Subscript, 58
Superscript, 58
Underline, 53
Text Animation Parameters, 62
Text Colour Parameters, 56
Text in Page Footer, 74
Text in Page Header, 73
Textbox, 199
Underline a Specific Word, 55
Underline Colour, 56
Underline Table Parameters, 53
Underline Types, 53
Watermark, 227
wdApplyTo

wdWord10ListBehavior, 289
wdWord8ListBehavior, 289
wdWord9ListBehavior, 289
wdBreakType, 126

wdBulletGallery, 288

wdContentComboBox, 280

wdContentControlDate, 280

wdFieldFormCheckBox, 276

wdListApplyTo

 wdListApplyToSelection, 289
 wdListThisPointForward, 289
 wdListWholeList, 289
wdListApplyToWholeList, 288

wdWord9ListBehavior, 288

Word

InchesToPixels, 217
InchesToPoints, 217
PixelsToInches, 217
PixelsToPoints, 217
PointsToInches, 217
PointsToPixels, 217
Word Files, 17

Word Instance, 20

Word Terms, 17

XPS File, 26

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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