

```

*****
**      MACRO: PARABRK.WCM
**      PURPOSE: Puts a choice of paragraph breaks at the end of the paragraph in which the
insertion point is located. If you position the insertion point at a blank line the break will be
positioned on that line.
*****
Application (A1; "WordPerfect"; Default; "EN")

EntryCount := 20      // This must match the number of paragraph breaks defined
Spacing := 3
RptVal := 3
BreakSize := ?FontSize
WPGDir := ?PathGraphics
If (WPGDir = "")
    WPGDir := ?PathGraphicsSupplemental
EndIf
If (WPGDir = "")
    WPGDir := ?PathProgram
    Call (CheckDir@)
EndIf
If (SubStr (WPGDir; StrLen (WPGDir); 1) <>"")
    WPGDir := WPGDir + "\"
EndIf

If (?SubStructure)
    MessageBox (; "Error - Not In Main Edit Screen"; "This macro can only be run from the
main editing screen."; IconStop!)
    Go (End@)
EndIf

MacroStatusPrompt (On!; "Initializing...")

Declare (ParaBrk[EntryCount + 1; 4])
    // Array is set up as follows: [ NUMBER; Element ] where NUMBER is the
    // maximum number of paragraph break types and ELEMENT is the number of
    // parts for each type. The Elements are:
    //      1 - Name of the paragraph break (WPstring)
    //      2 - Character for the break (WPstring)
    //          For types 1 and 2 (characters), this is the actual characters for the
    //          break. For type 3 (graphic), this is the filename for the .wpg file.
    //      3 - Type of character
    //          This is either WPCharacters (1), Wingdings (2), Square Graphic
    //          (3) or Long Graphic (4).
    //      4 - LastChar
    //          For the character types, this is the actual character for the end of
    //          the break.

```

// For the graphic type, this is the filename for the end of the break. If this filename is the same as the first, the image will be flipped on the y axis (mirror image). This is only valid for Square Graphics.

// IMPORTANT - If you do not want your character to act like it is "paired" (there is a left and a right), then DO NOT assign this element in the array.

ParaBrk[1; 1] := "Dots"

ParaBrk[1; 2] := "o" // 4,1

ParaBrk[1; 3] := 1

ParaBrk[2; 1] := "Squares"

ParaBrk[2; 2] := "■" // 4,2

ParaBrk[2; 3] := 1

ParaBrk[3; 1] := "Diamonds"

ParaBrk[3; 2] := "◇" // 5,1

ParaBrk[3; 3] := 1

ParaBrk[4; 1] := "Triangles"

ParaBrk[4; 2] := "▼" // 6,30

ParaBrk[4; 3] := 1

ParaBrk[5; 1] := "Stars"

ParaBrk[5; 2] := "★" // 6,112

ParaBrk[5; 3] := 1

ParaBrk[6; 1] := "Pound Signs"

ParaBrk[6; 2] := "#"

ParaBrk[6; 3] := 1

ParaBrk[7; 1] := "Flowers"

ParaBrk[7; 2] := "{"

ParaBrk[7; 3] := 2

ParaBrk[8; 1] := "Floral"

ParaBrk[8; 2] := "₪" // 12,150

ParaBrk[8; 3] := 2

ParaBrk[8; 4] := "₪" // 12,151

ParaBrk[9; 1] := "Fancy 1"

ParaBrk[9; 2] := "ᶠ" // 12,154

ParaBrk[9; 3] := 2

ParaBrk[9; 4] := "ᶠ" // 12,155

ParaBrk[10; 1] := "Fancy 2"

ParaBrk[10; 2] := "ᶦ" // 12,207

ParaBrk[10; 3] := 2

ParaBrk[10; 4] := " " // 12,210

ParaBrk[11; 1] := "Fleur-de-lis (wpg)"

ParaBrk[11; 2] := "Ender01.wpg"

ParaBrk[11; 3] := 3

ParaBrk[12; 1] := "Star (wpg)"

ParaBrk[12; 2] := "Ender02.wpg"

ParaBrk[12; 3] := 3

ParaBrk[13; 1] := "Brush Stroke Star (wpg)"

ParaBrk[13; 2] := "Ender03.wpg"

ParaBrk[13; 3] := 3

ParaBrk[14; 1] := "Square Floral (wpg)"

ParaBrk[14; 2] := "Ender04.wpg"

ParaBrk[14; 3] := 3

ParaBrk[15; 1] := "Fancy Floral (wpg)"

ParaBrk[15; 2] := "Ender05.wpg"

ParaBrk[15; 3] := 3

ParaBrk[15; 4] := "Ender05.wpg"

ParaBrk[16; 1] := "Snowflake (wpg)"

ParaBrk[16; 2] := "Ender06.wpg"

ParaBrk[16; 3] := 3

ParaBrk[17; 1] := "Line 1 (wpg)"

ParaBrk[17; 2] := "Ender07.wpg"

ParaBrk[17; 3] := 4

ParaBrk[18; 1] := "Line 2 (wpg)"

ParaBrk[18; 2] := "Ender08.wpg"

ParaBrk[18; 3] := 4

ParaBrk[19; 1] := "Line 3 (wpg)"

ParaBrk[19; 2] := "Ender09.wpg"

ParaBrk[19; 3] := 4

ParaBrk[20; 1] := "Line 4 (wpg)"

ParaBrk[20; 2] := "Ender10.wpg"

ParaBrk[20; 3] := 4

If (?DocBlank)

    Go (MainMenu@)

EndIf

```

If ((?RightCode = 204) And (?LeftCode = 204))
    Go (MainMenu@)
EndIf
PosParagraphNext ()
If ((?RightCode = 0) And (?RightChar = ""))
    If (?LeftCode <>204)
        HardReturn ()
    EndIf
    Go (MainMenu@)
EndIf
PosLineUp ()
PosLineEnd ()
If (?LeftCode = 204 )
    Go (MainMenu@)
EndIf
HardReturn ()
Label (MainMenu@)
MacroStatusPrompt (On!; "Initializing dialog...")
DialogDefine ("Dlg1"; 50; 50; 199; 84; 16; "Paragraph Breaks")
DialogAddListBox ("Dlg1"; "Lb1"; 8; 8; 125; 72; 1; Choice)
For (Counter; 1; Counter <= EntryCount; Counter + 1)
    DialogAddListItem ("Dlg1"; "Lb1"; ParaBrk[Counter; 1])
EndFor
DialogAddPushButton ("Dlg1"; "OKBtn"; 141; 8; 50; 14; DefaultBtn! | OKBtn!; "OK")
DialogAddPushButton ("Dlg1"; "CancelBtn"; 141; 26; 50; 14; CancelBtn!; "Cancel")
DialogAddPushButton ("Dlg1"; "Pb3"; 141; 44; 50; 14; 0; "C&ustom")
DialogLoad ("Dlg1")
DialogHandle (hwndLb1; "Dlg1"; "Lb1")
DLLLoad (UserLink; "User32")
    // Select the first item
DLLCall (UserLink; "SendMessageA"; nVoid:INTEGER; {hwndLb1; 0186x; 0; 0})
DllFree (UserLink)
Label (DisplayDialog@)
MacroStatusPrompt (Off!)
Display (On!)
DialogDisplay ("Dlg1"; "Lb1")
Result := MacroDialogResult
Display (Off!)
If (Result = 2)
    DialogDestroy ("Dlg1")
    Go (End@)
EndIf
If (Result = "Pb3")
    DialogDefine ("Dlg2"; 50; 50; 153; 80; 1 + 2 + 16; "Custom Paragraph Break")
    DialogAddText ("Dlg2"; "T1"; 8; 10; 95; 10; 1; "&Character to use:")
    DialogAddEditBox ("Dlg2"; "E1"; 112; 8; 31; 14; WPChars!; UserChar; 10)

```

```

DialogAddText ("Dlg2"; "T2"; 8; 27; 95; 10; 1; "&Number of characters:")
DialogAddCounter ("Dlg2"; "C1"; 111; 26; 35; 14; 0; RptVal; 1; 99; 1)
DialogAddText ("Dlg2"; "T3"; 8; 45; 95; 10; 1; "&Spaces between characters:")
DialogAddCounter ("Dlg2"; "C2"; 111; 43; 35; 14; 0; Spacing; 0; 99; 1)
Display (On!)
DialogDisplay ("Dlg2"; "E1")
Result2 := MacroDialogResult
DialogDestroy ("Dlg2")
Display (Off!)
If (Result2 = 1)
    Choice := EntryCount + 1
    ParaBrk[Choice; 1] := "User"
    ParaBrk[Choice; 2] := UserChar
    ParaBrk[Choice; 3] := 1
    Go (Spacing@)
EndIf
Go (DisplayDialog@)
EndIf
For (Counter; 1; ParaBrk[Counter; 1] <> Choice; Counter + 1)
EndFor
Label (Spacing@)
If (ParaBrk[Counter; 3] = 3 Or ParaBrk[Counter; 3] = 4)
    FileExists (FileExist; WPGDir + ParaBrk[Counter; 2])
    If (Not FileExist)
        MsgBox (MsgBoxResult; "Graphic Not Found"; "^0 does not exist. Check
your graphics directory in preferences, or press Retry to select a different
directory."; IconExclamation! | RetryCancel! | HasParameters! | Beep!; WPGDir +
ParaBrk[Counter; 2])
        If (MsgBoxResult = 4)
            Call (CheckDir@)
        EndIf
        Go (DisplayDialog@)
    EndIf
EndIf
EndIf
MacroStatusPrompt (On!; "Placing paragraph break...")
For (Spaces; ""; StrLen (Spaces) < Spacing; Spaces + " ")
EndFor
If (ParaBrk[Counter; 3] < 3)
    CompoundString := ""
    If (Exists (ParaBrk[Counter; 4]) <> 0)
        CompoundString := ParaBrk[Counter; 2] + Spaces + ParaBrk[Counter; 4]
    Else
        For (LoopCount; 0; LoopCount < RptVal - 1; LoopCount + 1)
            CompoundString := CompoundString + ParaBrk[Counter; 2] + Spaces
        EndFor
        CompoundString := CompoundString + ParaBrk[Counter; 2]
    EndIf
EndIf

```

```
    EndIf
EndIf
DialogDestroy ("Dlg1")
Case Call (ParaBrk[Counter; 3]; {
    1; WPChars@;
    2; Wingdings@;
    3; SquareGraphics@;
    4; LongGraphics@;
}; End@)
```

```
If (ParaBrk[Counter; 3] <>4)
    PosLineVeryEnd ()
    If (?RightCode = 0 And ?RightChar = "")
        HardReturn ()
    EndIf
EndIf
PosParagraphNext ()
```

```
Label (End@)
Quit
```

```
*****
/*    ROUTINE: WPChars@
/*    INPUT VARIABLES: CompoundString
/*    OUTPUT VARIABLES: none
/*    DESCRIPTION: Places CompoundString in document.
*****
```

```
Label (WPChars@)
    LineCenter ()
    Type (CompoundString)
    LineCenterEnd ()
```

```
Return
*****
```

```
*****
/*    ROUTINE: Wingdings@
/*    INPUT VARIABLES: CompoundString
/*    OUTPUT VARIABLES: none
/*    DESCRIPTION: Places CompoundString in document, then changes font to Wingdings.
*****
```

```
Label (Wingdings@)
    LineCenter ()
    Type (CompoundString)
    LineCenterEnd ()
    SelectLineBegin ()
    Font ("Wingdings")
```

SelectMode (Off!)

Return

```
*****
```

```
*****
```

```
/* ROUTINE: SquareGraphics@
/* INPUT VARIABLES: Spaces; RptVal
/* OUTPUT VARIABLES: none
/* DESCRIPTION: Places a multiple number of small square graphics in document.
*****
```

Label (SquareGraphics@)

FlipX := False

LineCenter ()

If (Exists (ParaBrk[Counter; 4]) = 0)

For (LoopCount; 0; LoopCount < RptVal - 1; LoopCount + 1)

Call (PlaceGraphics@)

Type (Spaces)

EndFor

Else

Call (PlaceGraphics@)

If (ParaBrk[Counter; 2] = ParaBrk[Counter; 4])

FlipX := True

EndIf

Type (Spaces)

EndIf

Call (PlaceGraphics@)

LineCenterEnd ()

Return

```
*****
```

```
*****
```

```
/* ROUTINE: LongGraphics@
/* INPUT VARIABLES: BreakSize
/* OUTPUT VARIABLES: none
/* DESCRIPTION: Places a single graphic in center of page or column.
*****
```

Label (LongGraphics@)

If (?Column > 0)

GraphicWidth := ?ColumnWidth/2

Else

GraphicWidth := (?PaperWidth-?MarginLeft-?MarginRight)/2

EndIf

BoxCreate (UserBox!)

BoxAttachTo (Paragraph!)

BoxHorizontalAlignment (AlignMargins!; Center!; 0)

BoxVerticalAlignment (Top!; 0)

BoxContentPreserveAspectRatio (State: Yes!)  
BoxHeight (AutoHeight!)  
BoxWidth (GraphicWidth)  
BorderSetSpacing (Yes!)  
BorderInsideSpacing (0.0"; 0.0"; 0.0"; 0.0")  
BorderOutsideSpacing (0.0"; 0.0"; 0.0"; 0.0")  
BoxTextFlow (NeitherSide!)  
BoxContentType (Image!)  
BoxImageRetrieve (MakeInternal!; WPGDir + ParaBrk[Counter; 2])  
BoxEnd (Save!)  
CloseGraphicsControlBar ()

Return

\*\*\*\*\*

\*\*\*\*\*

/\* ROUTINE: PlaceGraphics@  
/\* INPUT VARIABLES: BreakSize  
/\* OUTPUT VARIABLES: none  
/\* DESCRIPTION: Places a single small graphic in document.

\*\*\*\*\*

Label (PlaceGraphics@)

BookmarkCreate ("Paragraph Break Macro")  
BoxCreate (UserBox!)  
BoxAttachTo (Character!)  
BoxVerticalAlignment (Baseline!)  
BoxContentPreserveAspectRatio (State: Yes!)  
BoxHeight (BreakSize\*1w)  
BoxWidth (AutoWidth!)  
BorderSetSpacing (Yes!)  
BorderInsideSpacing (0.0"; 0.0"; 0.0"; 0.0")  
BorderOutsideSpacing (0.0"; 0.0"; 0.0"; 0.0")  
BoxContentType (Image!)  
BoxImageRetrieve (MakeInternal!; WPGDir + ParaBrk[Counter; 2])  
BoxContentPreserveAspectRatio (State: Yes!)  
If (FlipX)  
    BoxImageFlipX (Yes!)  
EndIf  
BoxEnd (Save!)  
CloseGraphicsControlBar ()  
SelectCharPrevious ()  
EditCut ()  
BookmarkFind ("Paragraph Break Macro")  
EditPaste ()  
BookmarkDelete ("Paragraph Break Macro")

Return

\*\*\*\*\*



```

/*****
/*  ROUTINE: CheckDir@
/*  INPUT VARIABLES: WPGDir
/*  OUTPUT VARIABLES: WPGDir
/*  DESCRIPTION: This will create a dialog to prompt for a directory.
/*****
Label (CheckDir@)
DialogDefine ("PathDlg"; 50; 50; 172; 90; 1 + 2 + 16; "Graphic Directory")
DialogAddFilenameBox ("PathDlg"; "Fb1"; 8; 8; 150; 14; 1; WPGDir; WPGDir; "*.wpg")
DialogAddText ("PathDlg"; "T1"; 8; 28; 150; 20; 1; "Please select the directory that contains the
Paragraph Break graphics files.")
Label (Redisplay@)
Display (On!)
DialogDisplay ("PathDlg"; "Fb1")
Display (Off!)
If (MacroDialogResult = 2)
    DialogDestroy ("PathDlg")
    Go (End@)
EndIf
If (WPGDir = "")
    Go (Redisplay@)
EndIf
DialogDestroy ("PathDlg")
If (SubStr (WPGDir; StrLen (WPGDir); 1) <>"")
    WPGDir := WPGDir + "\"
EndIf
Return
/*****

```