

```
//*****  
//  
// NAME:      WPCH_AT1.WPM  
//  
// PURPOSE: Coach on text appearance  
//  
// AUTHOR:    Paul Laing, WordPerfect Corp.  
//  
//*****
```

```
// Revision History  
//  
//
```

```
Global(ScrnMode;MsgAdj;DefTitle;CancelMsg)  
Global(SaveScrn;HotElement)
```

```
Global(NmeAttrib)
```

```
DefTitle="Coach"           // Main title name  
ScrnMode=?ScreenHigh-24  
CancelMsg=1
```

```
Use("wpchlibr.wpm")       // Shared library file  
ColorScheme()  
ScreenSetup()
```

```
MsgAdj=DlgMessage()
```

```

//*****
//
//  MAIN PROGRAM: Coach
//
//*****
Error(Off!)
Cancel(Off!)
Success=0

Progress=0
Repeat
  If(Not Exists(StdAlone))
    Message(&tbox;1007)
    Result=Welcome(DefTitle;&tbox)
  Else
    Result=1
  Endif
  If(Result = 1)
    Message(&tbox;1002)           // Question
    Result=MessageBox(DefTitle;&tbox;3)
    If(Result = 1)
      Repeat
        tbox={-1;}
        Result=OpenDocument(&tbox)
        Until(?DocBlank = 0 or Result = -1)
        If(?DocBlank)
          Call(InsertText)
        Else
          Call(BlockText)
        Endif
      Else
        Call(InsertText)
      Endif
    Else
      QuitCoach()
    Endif
  Until(?DocBlank = 0 or Progress = 1)

DisplayRewrite
Message(&tbox;1005)           // Congratulations
Result=MessageBox(DefTitle;&tbox;6)
QuitCoach()

//*****
//  END MAIN PROGRAM
//*****

```

```
//*****  
//  
// SUBROUTINE: BlockText  
//  
//*****  
Label(BlockText)  
  Call(SelectText)  
  Call(AttribOn)  
  BlockOff  
  If(?FontNormal = 0)  
    If(NmeAttrib = "multiple")  
      Message(&tbox;1501)  
    Else  
      Message(&tbox;1502)  
    Endif  
    Result=MessageBox(DefTitle;&tbox;3)  
    If(Result = 1)  
      Call(AttribOff)  
    Endif  
  Endif  
Return
```

```

//*****
//
//  SUBROUTINE: InsertText
//
//*****
Label(InsertText)
  If(?DocBlank = 0)
    Call(PositionCursor)
  Endif
  Call(AttribOn)
  Call(TypeText)
  WindowMaximize           // Maximize window
  If(?FontNormal = 0)
    Message(&tbox;1503)
    Result=MessageBox(DefTitle;&tbox;3)
    If(Result = 1)
      Call(AttribOff)
    Endif
  Endif
  Progress=1
Return

```

```

//*****
//
// SUBROUTINE: SelectText
//
//*****
Label(SelectText)
  WindowMaximize      // Maximize window
  Message(&tbox;1201)  // Select block of text
  FakeIt(DefTitle;&tbox;5;1;0)
  Repeat
    Result=BlockEdit(DefTitle;1;1;&tbox;5;1)
    If(Result = 3)
      Message(&hbox;1902)
      Hint=Hint(&hbox;-99;-99;3)
    Else
      If(?BlockActive = 0)
        Null=NoBlock()
      Endif
    Endif
  Until(?BlockActive and Result = 1)
Return

```

```
//*****
//
//  SUBROUTINE: PositionCursor
//
//*****
Label(PositionCursor)
  WindowMaximize

  Message(&tbox;1302)      // Position cursor
  FakeIt(DefTitle;&tbox;3;1;0)

  chkcode={ -1;}
  keypress={-8154;} // F7 key

  Key=DoEdit(1;&chkcode;&keypress)
  WindowMaximize
  DisplayRewrite
Return
```

```
*****  
//  
// SUBROUTINE: TypeText  
//  
*****  
Label(TypeText)  
  Message(&tbox;1303)      // Type text  
  FakeIt(DefTitle;&tbox;3;1;0)  
  
  chkcode={ -1;}  
  keypress={-8154;}  // F7 key  
  
  Key=DoEdit(1;&chkcode;&keypress)  
  DisplayRewrite  
Return
```

```

//*****
//
// SUBROUTINE: AttribOn
//
//*****
Label(AttribOn)
    WindowMaximize          // Maximize window
    Message(&tbox;1701)      // Choose Font menu

    hbox1={ "Select [Bold On]Font[Bold Off] from the menu bar";
            ""
        }
    hbox2={ "Select [Bold On]any Attribute[Bold Off] from the Font menu";
            ""
        }
    hbox3={ -1;
            }

    FontMenu(&valid)
    allow={ 1656;
            1666;
            1667;
            1668;
            1669;
            1670;
            1671;
            1672;
            1673;
            1684;
        }
    exallow={ 0;1;1;1;1;1;1;1;1;1;
            }

    accel={ 111;98;117;100;105;116;119;
            99;114;115;
        }
    exaccel={ 0;1;1;1;1;1;1;1;1;1;
            }
    NoSubMenu(&subval;&subacl;&exsubacl;&subs)
    sbox={ ""
            "You may choose";
            "any of the nine";
            "attributes from";
            "Bold to Strikeout.";
            ""
        }

    funkey={ -8117;
            }

    Repeat
        DisplayRewrite
        Result=Postit(DefTitle;&tbox;0;12;0;2;0)
        MenuActive=0

```



```

Show=HotSpot(0;0;62;0;-534;&funkey;1)
Switch(Show)

CaseOf 1:      // Show menu
    Result=Postit(DefTitle;&tbox;0;12;0;3;0)
    ShowMenu("Coach";&sbox;9;5-ScrnMode;5;3;0;0)

CaseOf 1655:
    Result=Postit("Coach";&sbox;9;5-ScrnMode;0;0;0)

CaseOf -534:   // Accel menu
    Result=Postit(DefTitle;&tbox;0;12;0;3;0)
    PullDownDlg
    Type("o")
    Result=PostIt("Coach";&sbox;9;5-ScrnMode;0;0;0)

CaseOf -8117:  // Function key

CaseOf -8085:  // Choose menu
    Result=Postit(DefTitle;&tbox;0;12;0;3;0)
    MenuActive=MenuBarControl("Coach";&hbox1;&sbox;9;5-ScrnMode;111;&funkey)

DEFAULT:
    MenuActive=MenuBarControl("Coach";&hbox1;&sbox;9;5-ScrnMode;111;&funkey)

EndSwitch

If(MenuActive <> -1)
    If(Show = -8117)
        DlgInput(On!)
        DisplayRewrite
        FontDlg
        Tab Tab Tab Tab

        Call(FontSub1)
    Else
        If(MenuActive = -8117)
            Tab Tab Tab Tab
            Call(FontSub1)
        Else
            Result=MenuControl(&hbox1;&hbox2;&hbox3;&valid;&allow;&exallow;
            &accel;&exaccel;&subval;&subacl;&exsubacl;&subs;&funkey)
            MenuActive=Result
            If(Result = 1656 or Result = 111)
                CancelMenus()
                DlgInput(On!)
                DisplayRewrite
                FontDlg
                Tab Tab Tab Tab

                Call(FontSub1)
            Else
                If(Result = -8117)
                    Tab Tab Tab Tab

```

```
        Call(FontSub1)
      Endif
    Endif
  Endif
Endif
Until(MenuActive <> -1)
  DlgInput(Off!)
  Call(SelectData)    // Get names of attributes
Return
```

```

//*****
//
// SUBROUTINE: AttribOff
//
//*****
Label(AttribOff)
    WindowMaximize          // Maximize window
    Message(&tbox;1802)      // Choose Font menu

    hbox1={ "Select [Bold On]Font[Bold Off] from the menu bar";
            ""
        }
    hbox2={ "Select [Bold On]any Attribute[Bold Off] from the Font menu";
            ""
        }
    hbox3={ -1;
            }

    FontMenu(&valid)
    allow={ 1656;
            1657;
            1666;
            1667;
            1668;
            1669;
            1670;
            1671;
            1672;
            1673;
            1684;
        }
    exallow={ 0;1;1;1;1;1;1;1;1;1;
            }

    accel={ 111;110;98;117;100;105;116;119;
            99;114;115;
        }
    exaccel={ 0;1;1;1;1;1;1;1;1;1;
            }
    NoSubMenu(&subval;&subacl;&exsubacl;&subs)
    sbox={ ""
            "Choose [Bold On]Normal";
            ""
        }

    funkey={ -8117;
            }

    Repeat
        DisplayRewrite
        Result=Postit(DefTitle;&tbox;0;12;0;2;0)
        MenuActive=0

        Show=HotSpot(0;0;62;0;-534;&funkey;1)
        Switch(Show)

```

```

CaseOf 1:          // Show menu
    Result=Postit(DefTitle;&tbox;0;12;0;3;0)
    ShowMenu("Coach";&sbox;9;5-ScrnMode;5;1;0;0)

CaseOf 1655:
    Result=Postit("Coach";&sbox;9;5-ScrnMode;0;0;0)

CaseOf -534:      // Accel menu
    Result=Postit(DefTitle;&tbox;0;12;0;3;0)
    PullDownDlg
    Type("o")
    Result=PostIt("Coach";&sbox;9;5-ScrnMode;0;0;0)

CaseOf -8117:    // Function key

CaseOf -8085:    // Choose menu
    Result=Postit(DefTitle;&tbox;0;12;0;3;0)
    MenuActive=MenuBarControl("Coach";&hbox1;&sbox;9;5-ScrnMode;111;&funkey)

DEFAULT:
    MenuActive=MenuBarControl("Coach";&hbox1;&sbox;9;5-ScrnMode;111;&funkey)

EndSwitch

If(MenuActive <> -1)
    If(Show = -8117)
        DlgInput(On!)
        DisplayRewrite
        FontDlg
        BackTab BackTab

        Call(FontSub2)
    Else
        If(MenuActive = -8117)
            BackTab BackTab
            Call(FontSub2)
        Else
            Result=MenuControl(&hbox1;&hbox2;&hbox3;&valid;&allow;&exallow;
            &accel;&exaccel;&subval;&subacl;&exsubacl;&subs;&funkey)
            MenuActive=Result
            If(Result = 1656 or Result = 111)
                CancelMenus()
                DlgInput(On!)
                DisplayRewrite
                FontDlg
                BackTab BackTab

                Call(FontSub2)
            If(Result = -8117)
                BackTab BackTab
                Call(FontSub2)
            Endif
        Endif
    Endif

```

```
        Endif
    Endif
Endif
Endif
Until(MenuActive <> -1)
    DlgInput(Off!)
Return
```

```

//*****
//
// SUBROUTINE: FontSub1
//
//*****
Label(FontSub1)
  If(ColorSet)
    x1={ 3;59;
      }
    x2={ 54;66;
      }
    y1={ 8;20;
      }
    y2={ 11;20;
      }
  Else
    x1={ 3;59;
      }
    x2={ 54;66;
      }
    y1={ 6;21;
      }
    y2={ 9;21;
      }
  Endif

  hotpnt={ 0;1;
    }
  hotkey={ -768;-8182;
    }
  Message(&tbox;1404)
  helpmsg={ "Choose [Bold On]a font attribute[Bold Off]";
    "from the Appearance group.";
    "";
  }

  Result=0 SaveScrn=0
  While(?Dialog = 15)
    Switch(?DialogControl)

      CaseOf 0:
        info={ ?DialogControl;
          ?Dialog;
          0;
          DefTitle;
          2;
          0;
          1;
          "Coach";
          1;
          0;
        }
        accel={ 51;97;
          }
        aclpnt={ 0;0;

```

```
    }  
    Result=ButtonControl(&info;&x1;&x2;&y1;&y2;&hotkey;&hotpnt;  
    &accel;&aclpnt;&tbox;&helpmsg)
```

```
CaseOf 843:  
    Continue
```

```
CaseOf 844:  
    Continue
```

```
CaseOf 845:  
    Continue
```

```
CaseOf 846:  
    Continue
```

```
CaseOf 847:  
    Continue
```

```
CaseOf 848:  
    Continue
```

```
CaseOf 849:  
    Continue
```

```
CaseOf 850:  
    Continue
```

```
CaseOf 851:  
    Continue
```

```
CaseOf 852:  
    info={ ?DialogControl;  
           ?Dialog;  
           0;  
           DefTitle;  
           2;  
           0;  
           1;  
           "Coach";  
           1;  
           0;  
    }  
    accel={ 49;50;51;52;53;54;55;56;57;  
           98;117;100;105;111;97;99;114;115;  
    }  
    aclpnt={ 0;0;0;0;0;0;0;0;0;  
            0;0;0;0;0;0;0;0;0;  
    }  
    Result=ButtonControl(&info;&x1;&x2;&y1;&y2;&hotkey;&hotpnt;  
    &accel;&aclpnt;&tbox;&helpmsg)
```

```
DEFAULT:  
    info={ ?DialogControl;
```

```
        ?Dialog;
        0;
        DefTitle;
        2;
        0;
        1;
        "Coach";
        1;
        0;
    }
    accel={ 51;97;
    }
    aclpnt={ 0;0;
    }
    allow={ 0;
            843;
            844;
            845;
            846;
            847;
            848;
            849;
            850;
            851;
            852;
    }
    Result=InvalidControl(&info;&x1;&x2;&y1;&y2;&hotkey;&hotpnt;
    &accel;&aclpnt;&tbox;&helpmsg;&allow)
EndSwitch
EndWhile
Return
```



```

//*****
//
// SUBROUTINE: FontSub2
//
//*****
Label(FontSub2)
  If(ColorSet)
    x1={ 3;59;23;
      }
    x2={ 54;66;30;
      }
    y1={ 8;20;20;
      }
    y2={ 11;20;20;
      }
  Else
    x1={ 3;59;23;
      }
    x2={ 54;66;30;
      }
    y1={ 6;21;21;
      }
    y2={ 9;21;21;
      }
  Endif

  hotpnt={ 0;1;0;
    }
  hotkey={ -768;-8182;-8182;
    }
  Message(&tbox;1405)
  helpmsg={ "Choose the [Bold On]Normal[Bold Off] button.";
    """,
  }

  Result=0 SaveScrn=0
  While(?Dialog = 15)
    Switch(?DialogControl)

      CaseOf 0:
        info={ ?DialogControl;
          ?Dialog;
          0;
          DefTitle;
          2;
          0;
          1;
          "Coach";
          1;
          0;
        }
        accel={ 51;97;110;
          }
        aclpnt={ 0;0;0;
          }

```

```
Result=ButtonControl(&info;&x1;&x2;&y1;&y2;&hotkey;&hotpnt;  
&accel;&aclpnt;&tbox;&helpmsg)
```

CaseOf 3191:

```
info={ ?DialogControl;  
       ?Dialog;  
       0;  
       DefTitle;  
       2;  
       0;  
       1;  
       "Coach";  
       1;  
       0;  
    }
```

```
accel={ 51;97;110;  
    }
```

```
aclpnt={ 0;0;0;  
    }
```

```
Result=ButtonControl(&info;&x1;&x2;&y1;&y2;&hotkey;&hotpnt;  
&accel;&aclpnt;&tbox;&helpmsg)
```

CaseOf 843:

```
Continue
```

CaseOf 844:

```
Continue
```

CaseOf 845:

```
Continue
```

CaseOf 846:

```
Continue
```

CaseOf 847:

```
Continue
```

CaseOf 848:

```
Continue
```

CaseOf 849:

```
Continue
```

CaseOf 850:

```
Continue
```

CaseOf 851:

```
Continue
```

CaseOf 852:

```
info={ ?DialogControl;  
       ?Dialog;  
       0;  
       DefTitle;
```

```

        2;
        0;
        1;
        "Coach";
        1;
        0;
    }
    accel={ 49;50;51;52;53;54;55;56;57;
           98;117;100;105;111;97;99;114;115;110;
    }
    aclpnt={ 0;0;0;0;0;0;0;0;0;
           0;0;0;0;0;0;0;0;0;
    }
    Result=ButtonControl(&info;&x1;&x2;&y1;&y2;&hotkey;&hotpnt;
    &accel;&aclpnt;&tbox;&helpmsg)

```

DEFAULT:

```

    info={ ?DialogControl;
          ?Dialog;
          0;
          DefTitle;
          2;
          0;
          1;
          "Coach";
          1;
          0;
    }
    accel={ 51;97;
    }
    aclpnt={ 0;0;
    }
    allow={ 0;
           843;
           844;
           845;
           846;
           847;
           848;
           849;
           850;
           851;
           852;
    }
    Result=InvalidControl(&info;&x1;&x2;&y1;&y2;&hotkey;&hotpnt;
    &accel;&aclpnt;&tbox;&helpmsg;&allow)

```

```

EndSwitch
EndWhile
Return

```

```

//*****
//
// SUBROUTINE: SelectData
//
//*****
Label(SelectData)
  NmeAttrib=""
  If(?FontBold)
    If(NmeAttrib = "")
      NmeAttrib="Bold"
    Else
      NmeAttrib="multiple"
    Endif
  Endif
  If(?FontUnderline)
    If(NmeAttrib = "")
      NmeAttrib="Underline"
    Else
      NmeAttrib="multiple"
    Endif
  Endif
  If(?FontDoubleUnderline)
    If(NmeAttrib = "")
      NmeAttrib="Double Underline"
    Else
      NmeAttrib="multiple"
    Endif
  Endif
  If(?FontItalics)
    If(NmeAttrib = "")
      NmeAttrib="Italics"
    Else
      NmeAttrib="multiple"
    Endif
  Endif
  If(?FontOutline)
    If(NmeAttrib = "")
      NmeAttrib="Outline"
    Else
      NmeAttrib="multiple"
    Endif
  Endif
  If(?FontShadow)
    If(NmeAttrib = "")
      NmeAttrib="Shadow"
    Else
      NmeAttrib="multiple"
    Endif
  Endif
  If(?FontSmall)
    If(NmeAttrib = "")
      NmeAttrib="Small Caps"
    Else
      NmeAttrib="multiple"
    Endif
  Endif

```

```
    Endif
  Endif
  If(?FontRedline)
    If(NmeAttrib = "")
      NmeAttrib="Redline"
    Else
      NmeAttrib="multiple"
    Endif
  Endif
  If(?FontStrikeout)
    If(NmeAttrib = "")
      NmeAttrib="Strikeout"
    Else
      NmeAttrib="multiple"
    Endif
  Endif
Return
```

```

//*****
//
// PROCEDURE: Message
//
//*****
PROCEDURE Message(&tbox;Msg)

Switch(Msg)

CaseOf 1002:
tbox={   "";
        "Do you want to change the appearance of some";
        "text that you have already typed?";
        "";
    }

CaseOf 1005:
If(NmeAttrib = "multiple")
    tbox={   "";
            "You have now applied "+NmeAttrib+" attributes in your document.";
            "";
        }
Else
    If(NmeAttrib = "")
        tbox={   "";
                "You have now applied normal text in your document.";
                "";
            }
    Else
        tbox={   "";
                "You have now applied the "+NmeAttrib+" attribute in your document.";
                "";
            }
    Endif
Endif

CaseOf 1007:
tbox={   "";
        " [Bold On]Using Bold, Underline, Italics[Bold Off]";
        "";
        "This Coach helps you use the following";
        "font attributes:";
        "";
        " Normal text    Bold";
        " Underline      Double Underline";
        " Italics         Outline";
        " Shadow          Small Caps";
        " Redline         Strikeout";
        "";
        "";
    }

CaseOf 1201:
tbox={   "";
        "► Block the text you want to change.";
    }

```

```
    "";  
  }
```

CaseOf 1302:

```
tbox={    "";  
        "► Position the cursor where you want to begin typing";  
        "";  
    }
```

CaseOf 1303:

```
tbox={    "";  
        "► You may now type some text in your document";  
        "";  
    }
```

CaseOf 1501:

```
tbox={    "";  
        "Multiple font attributes are still active.";  
        "";  
        "Would you like Coach to help you";  
        "change back to normal text?";  
        "";  
    }
```

CaseOf 1502:

```
tbox={    "";  
        "The "+NmeAttrib+" font attribute is still";  
        "active.";  
        "";  
        "Would you like Coach to help you";  
        "change back to normal text?";  
        "";  
    }
```

CaseOf 1503:

```
tbox={    "";  
        "Would you like Coach to help you";  
        "change back to normal text?";  
        "";  
    }
```

CaseOf 1404:

```
tbox={    "► Select any font attribute from the appearance";  
        " group then choose OK.";  
        "";  
    }
```

CaseOf 1405:

```
tbox={    "► Choose [Bold On]Normal,";  
        " [Bold Off]then choose [Bold On]OK ";  
        "";  
    }
```

CaseOf 1701:

```
tbox={    "";
```

```

        "To choose a font attribute,";
        """;
        "► Choose [Bold On]Font[Bold Off]";
        " or";
        "► Press [Bold On]Ctrl+F8[Bold Off]";
        """;
    }

CaseOf 1702:
tbox={
    """;
    "► Choose any attribute from the appearance group";
    """;
}

CaseOf 1802:
tbox={
    """;
    "To change back to normal text,";
    """;
    "► Choose [Bold On]Font[Bold Off]";
    " or";
    "► Press [Bold On]Ctrl+F8[Bold Off]";
    """;
}

CaseOf 1902:
tbox={
    """;
    "[Bold On]To block text with a mouse:[Bold Off] [Bold On]To block text with
keys:[Bold Off]";
    """;
    "1. Place your mouse pointer at the 1. Place your cursor at the start";
    " start of the text you want to of the text you want to block.";
    " block. 2. Press Alt+F4.";
    "2. Hold your left mouse button 3. Move your cursor to the end of";
    " down. the text you want to block so";
    "3. Move your mouse pointer to the that the text is highlighted.";
    " end of the text you want to";
    " block so that the text is Your text is now blocked.";
    " highlighted.";
    "4. Release your mouse button.";
    """;
    "Your text is now blocked.";
}

DEFAULT:
tbox={
    """;
    "No message found!";
    """;
}

EndSwitch
ENDPROC

```