

```
//*****  
//  
// NAME:      WPCH_GN1.WPM  
//  
// PURPOSE: Coach on Table of Contents  
//  
// AUTHOR:    Paul Laing, WordPerfect Corp.  
//  
//*****
```

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

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

```
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!)

Display(Off!)
Repeat
  Progress=1
  Message(&tbox;1201)
  Result=Welcome(DefTitle;&tbox)      // Overview Dialog
  If(Result = -1)
    QuitCoach()
  Endif
  If(?DocBlank)
    tbox={-1}
    Result=OpenDocument(&tbox)
  Endif
  If(?DocBlank = 0)
    NotFound(On!)
    ToCMark=0
    OnNotFound Call(NoMarksFound)
    PleaseWait()
    PosDocVeryTop
    SearchString("[Mrk Txt ToC Begin]")
    SearchNext()
    SearchString("")
    SearchNext()
    If(ToCMark = 1)
      PosGoPrevious
      SearchString("")
      Display(On!)
      Message(&tbox;1202)
      Result=MessageBox(DefTitle;&tbox;3)
      If(Result = 1)
        Chain("wpchtc01.wpm")
        Return
      Else
        Progress=0
      Endif
    Endif
  Endif
  If(Progress = 1)
    DefMark=0
    OnNotFound Call(NoDefMarkFound)
    PleaseWait()
    PosDocVeryTop
    SearchString("[Def Mark]")
    SearchNext()
    If(DefMark = 1)
      PosGoPrevious
      SearchString("")
      Display(On!)
      Message(&tbox;1203)
    Endif
  Endif
EndRepeat

```

```
        Result=MessageBox(DefTitle;&tbox;3)
        If(Result = 1)
            Chain("wpchtc02.wpm")
            Return
        Else
            Progress=0
        Endif
    Endif
Endif
Endif
Until(?DocBlank = 0 and Progress = 1)
Display(On!)

While(1)
    StepNum=2
    Call(Generate)
    Message(&tbox;1004)
    // Congratulations on generating the document
    Result=MessageBox(DefTitle;&tbox;6)
    Break
Endwhile
QuitCoach()
//*****
//  END MAIN PROGRAM
//*****
```

```
//*****  
//  
// SUBROUTINE: FoundDefine  
//  
//*****  
Label(NoDefMarkFound)  
  DefMark=1  
Return
```

```
//*****  
//  
// SUBROUTINE: NoMarksFound  
//  
//*****  
Label(NoMarksFound)  
    ToCMark=1  
Return
```

```

//*****
//
// SUBROUTINE: Generate
//
//*****
Label(Generate)
    WindowMaximize
    Message(&tbox;1801)          // Choose Tools menu

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

    ToolsMenu(&valid)
    allow={          1638; // Generate
            }
    exallow={       0;    // Generate no execute
            }
    accel={         103;  // (G)enerate
            }
    exaccel={       0;    // Generate no execute
            }
    NoSubMenu(&subval;&subacl;&exsubacl;&subs)
    sbox={          "Choose [Bold On]Generate";
            }
    funkey={        -8132; // Alt+F5
            }

    Repeat
        DisplayRewrite
        Result=PostIt(DefTitle;&tbox;0;10;0;2;0)
        MenuActive=0

        Show=HotSpot(0;0;62;0;-529;&funkey;1)
        Switch(show)

        CaseOf 1: // Show menu
            Result=PostIt(DefTitle;&tbox;0;10;0;3;0)
            ShowMenu("Coach";&sbox;60;13-ScrnMode;4;11;0;0)

        CaseOf 1592: // Tools menu ID

        CaseOf -529: // Accel menu
            Result=PostIt(DefTitle;&tbox;0;10;0;3;0)
            PullDownDlg
            Type("t")

        CaseOf -8132:// Function key

        CaseOf -8085:// Alt+=

```

```

Result=PostIt(DefTitle;&tbox;0;10;0;3;0)
sbox={ -1;}
MenuActive=MenuBarControl("");&hbox1;&sbox;0;0;116;&funkey)

DEFAULT: // Default
sbox={ -1;}
MenuActive=MenuBarControl("");&hbox1;&sbox;0;0;116;&funkey)

EndSwitch

If(MenuActive <> -1)
  If(Show = -8132)
    DisplayRewrite
    DlgInput(On!)
    MarkTextDlg
    Tab Tab Tab Tab Tab
    Call(MarkTextSub1)
  Else
    If(MenuActive = -8132)
      Tab Tab Tab Tab Tab
      Call(MarkTextSub1)
    Else
      Result=MenuControl(&hbox1;&hbox2;&hbox3;&valid;&allow;&exallow;
&accel;&exaccel;&subval;&subacl;&exsubacl;&subs;&funkey)
      MenuActive=Result
      If(Result = 1638 or Result = 103)
        CancelMenus()
        DisplayRewrite
        DlgInput(On!)
        GenerateDlg
        Call(GenerateSub1)
      Else
        If(Result = -8132)
          Tab Tab Tab Tab Tab
          Call(MarkTextSub1)
        Endif
      Endif
    Endif
  Endif
Endif
Until(MenuActive <> -1)
  DlgInput(Off!)
Return

```

```

//*****
//
// SUBROUTINE: MarkTextSub1
//
//*****
Label(MarkTextSub1)

    x1={ 10;
        }
    x2={ 65;
        }
    y1={ 14;
        }
    y2={ 14;
        }
    hotpnt={ 1;
            }
    hotkey={ -8182;
            }
    Message(&tbox;1902)
    helpmsg={ "Select [Bold On]Generate...(Indexes, Cross-Reference etc.);
              """,
            }

Result=0 SaveScrn=0
While(?Dialog = 487)
    Switch(?DialogControl)

        CaseOf 728:
            info={ ?DialogControl;
                  ?Dialog;
                  0;
                  DefTitle;
                  5;
                  1;
                  1;
                  "Coach";
                  1;
                  0;
            }
            accel={ 52;103;
            }
            aclpnt={ 1;1;
            }
            Result=ButtonControl(&info;&x1;&x2;&y1;&y2;&hotkey;&hotpnt;
                &accel;&aclpnt;&tbox;&helpmsg)

        DEFAULT:
            info={ ?DialogControl;
                  ?Dialog;
                  0;
                  DefTitle;
                  5;
                  1;
                  1;
            }

```



```
        "Coach";
        1;
        0;
    }
    accel={ 52;103;
    }
    aclpnt={ 1;1;
    }
    allow={ 728;
    }
    Result=InvalidControl(&info;&x1;&x2;&y1;&y2;&hotkey;&hotpnt;
    &accel;&aclpnt;&tbox;&helpmsg;&allow)
EndSwitch
EndWhile
Call(GenerateSub1)
Return
```

```

//*****
//
// SUBROUTINE: GenerateSub1
//
//*****
Label(GenerateSub1)
  x1={ 42;
    }
  x2={ 49;
    }
  y1={ 13;
    }
  y2={ 13;
    }
  hotpnt={ 1;
    }
  hotkey={ -8182;
    }
  Message(&tbox;1802)
  helpmsg={ "Select the [Bold On]OK[Bold Off] button";
    "
    ";
  }

Result=0 SaveScrn=0
While(?Dialog = 149)
  Switch(?DialogControl)

    CaseOf 0:
      info={ ?DialogControl;
        ?Dialog;
        0;
        DefTitle;
        5;
        18;
        1;
        "Coach";
        1;
        0;
      }
      accel={ -1;
      }
      aclpnt={ -1;
      }
      Result=ButtonControl(&info;&x1;&x2;&y1;&y2;&hotkey;&hotpnt;
        &accel;&aclpnt;&tbox;&helpmsg)

    DEFAULT:
      info={ ?DialogControl;
        ?Dialog;
        0;
        DefTitle;
        5;
        18;
        1;
        "Coach";

```

```
        1;  
        0;  
    }  
    accel={ -1;  
    }  
    aclpnt={ -1;  
    }  
    allow={ 0;  
    }  
    Result=InvalidControl(&info;&x1;&x2;&y1;&y2;&hotkey;&hotpnt;  
    &accel;&aclpnt;&tbox;&helpmsg;&allow)  
EndSwitch  
EndWhile  
Return
```

```

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

Switch(Msg)

CaseOf 1004:
tbox={ "You have now generated your table of";
      "contents.";
      "";
      }

CaseOf 1201:
tbox={ "";
      "The Generate Coach helps you generate a";
      "table of contents.";
      "";
      }

CaseOf 1202:
tbox={ "No markings are found in this document.";
      "Do you want a coach to help you mark text?";
      "";
      }

CaseOf 1203:
tbox={ "A table has not been defined in";
      "in your document. Do you want to run";
      "a Coach to help you define one?";
      "";
      }

CaseOf 1801:
tbox={ "";
      "To generate a table of contents,";
      "";
      "► Choose [Bold On]Tools[Bold Off],";
      " then [Bold On]Generate[Bold Off].";
      " or";
      "► Press [Bold On]Alt+F5[Bold Off].";
      "";
      }

CaseOf 1802:
tbox={ "Choose [Bold On]OK[Bold Off] to generate the";
      "table of contents. ";
      "";
      }

CaseOf 1902:
tbox={ "";
      "Select [Bold On]Generate... (Tables, Cross-Reference, etc.)";

```

```
    "";  
}
```

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

```
EndSwitch  
ENDPROC
```