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// BIBSRCH.WCM (Bibliographical Search Macro)
//*****
// Written by:      Paul H. Caron (February 1993)
// Written for:    WordPerfect for Windows 5.2
// Version Number: 1.0
//*****
// Notes:    BIBSRCH is a fairly unsophisticated macro that searches the selected
bibliography
//           (or secondary merge file created by BIBTEMPL.WCM) file for a specified
string. If
//           the string is found, you are prompted to select the record, discard it,
etc. If selected,
//           the entire record (or page) is copied to a blank document window and
the process
//           resumes. If you want all the records matching the search string to be
selected, you
//           need only select the appropriate option. WP will then be minimized to
speed up the
//           process, but the system will become fairly busy. This is the only way I
could think of
//           doing things, but if anyone has any suggestions, please feel free. I can
be reached (for
//           the next 1½ years) at G9026163@mcmail.cis.McMaster.CA
//*****

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Application(WP;WPWP;Default)

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//*****
//Open a bibliography or create a new one
//Change "FileNm" name to substitute my default filename for another.
//Change the "c:\docs\biblio" (default subdirectory) and "*.bib" (default file
extension) to reflect your //own needs.
//*****
FileNm:="c:\docs\biblio\referenc.bib"
CheckBox1:=0
DialogDefine(100; 50; 50; 200; 100; 1+2+16; "Open Bibliography File")
DialogAddFilenameBox(100; 1000; 20; 20; 150; 15; 0; FileNm; "c:\docs\biblio";
"*.bib")
DialogDisplay(100; 1)
Result:=MacroDialogResult
DialogDestroy(100)
If (Result=2)
    Go(AbruptQuit@)
EndIf
ONNOTFOUND(NoFile@)
FileOpen(FileNm;1)
Go(CreateBib@)

//*****
// Error opening file selected in PickFile dialog routine

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//*****  
Label(NoFile@)  
Beep  
DialogDefine(100; 50; 50; 200; 75; 1+16; "FileOpen Error!")  
DialogAddText(100; 1001; 10; 15; 200; 15; 1; "Error opening "+FileNm)  
DialogDisplay(100; 1000)  
DialogDestroy(100)  
QUIT
```

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//*****  
// Create a new document window for copying selected records and add the field  
names at the top  
//*****  
Label(CreateBib@)  
ONNOTFOUND(SrchFail@)  
ONCANCEL(MacQuit@)  
ONERROR(FileError@)  
FileNew()  
MergeInsertCode(FieldNames!;"(1) Author(s)~(2) Short Work Title~(3) S/Work  
Descriptor~(4) S/Work Contributor(s)~(5) Book Title~(6) Book Descriptor~(7) Book  
Contributor(s)~(8) Anthology Title~(9) Anthology Descriptor~(10) Anthology  
Contributor(s)~(11) Series/Publ. Group~(12) Place~(13) Publisher~(14) Year  
Published~(15) Journal~(16) Volume #~(17) Issue #~(18) Day/Month~(19) Page  
Ref.~(20) Length of Work~(21) Special Publ. Form~(22) Ref. #~(23)  
Keyword(s)~(24) Notes~~")  
DocPrevious()  
PosDocTop()  
Go(StartSrch@)
```

```
//*****  
// Prompt for search string and begin the search  
//*****  
Label(StartSrch@)  
DialogDefine(100; 50; 50; 200; 50; 16; "Bibliographical Search")  
DialogAddEditBox(100; 1000; 10; 12; 170; 12; 32+4096; SrchText; 100)  
DialogDisplay(100; 1000)  
DialogDestroy(100)  
SearchText(SrchText;Forward!;1)  
Go(SrchFound@)
```

```
//*****  
// Search string not found  
//*****  
Label(SrchFail@)  
Close(No!)  
DocNext()  
DialogDefine(100; 50; 50; 200; 75; 1+16; "Search Failure")  
DialogAddText(100; 1001; 10; 10; 200; 15; 1; "String ""+SrchText+"" not found.  
Process cancelled.")  
DialogAddCheckBox(100;1002;10;25;200;15; "&Abandon File";CheckBox1)
```

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DialogDisplay(100; 1)
DialogDestroy(100)
If (CheckBox1=1)
    Close(No!)
EndIf
QUIT

//*****
// Search string found. What to do with the record routine.
//*****
Label(SrchFound@)
Button1:=1
Button2:=0
Button3:=0
Button4:=0
GetWPData(Record;Page!)
NUMSTR(Record;0;Record)
PosPageTop()
DialogDefine(100; 50; 50; 200; 150; 1+16; "Search Successful")
DialogAddText(100; 1000; 10; 5; 150; 15; 8; "String Search: "+SrchText)
DialogAddText(100; 1001; 10; 20; 150; 15; 8; "Page Number: "+Record)
DialogAddRadioButton(100; 1002; 10; 35; 75; 15; "&Select Record"; Button1)
DialogAddRadioButton(100; 1003; 10; 50; 75; 15; "&Discard Record"; Button2)
DialogAddRadioButton(100; 1004; 10; 65; 115; 15; "Select &All Subsequent
Records"; Button3)
DialogAddRadioButton(100; 1005; 10; 80; 85; 15; "&Quit Search"; Button4)
DialogDisplay(100; 1)
DialogDestroy(100)
If (Button1 = 1)
    SelectPage()
    EditCopy()
    DocNext()
    EditPaste()
    DocPrevious()
    PosPageBottom()
    go(ResSrch@)
EndIf
If (Button2=1)
    PosPageBottom()
    Go(ResSrch@)
EndIf
If (Button3=1)
    DialogDefine(100; 50; 50; 225; 75; 1+2+16; "Minimizing WordPerfect")
    DialogAddText(100; 1001; 10; 10; 200; 15; 1; "WordPerfect will now be
minimized to speed up the process, and will be maximized when done.")
    DialogDisplay(100; 1)
    Result:=MacroDialogResult
    DialogDestroy(100)
    If (Result=2)
        Go(MacQuit@)
    
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        EndIf
        AppMinimize()
        SelectPage()
        EditCopy()
        DocNext()
        EditPaste()
        DocPrevious()
        Go(OverRide@)
EndIf
If (Button4=1)
    Go(MacQuit@)
EndIf

//*****
// Resume search for string specified in StartSrch routine
//*****
Label(ResSrch@)
ONNOTFOUND(macquit@)
SearchNext()
Go(SrchFound@)

//*****
// Error opening a new document window routine
//*****
Label(FileError@)
Beep
DialogDefine(100; 50; 50; 200; 75; 1+16; "FileNew Error!")
DialogAddText(100; 1001; 10; 10; 150; 15; 4; "Maximum allowable documents
exceeded.")
DialogDisplay(100; 1000)
DialogDestroy(100)
QUIT

//*****
// Override SrchFound routine loop
//*****
Label(OverRide@)
ONNOTFOUND(OverDone@)
PosPageBottom()
SearchNext()
    SelectPage()
    EditCopy()
    DocNext()
    EditPaste()
    DocPrevious()
Go(OverRide@)

//*****
// Maximize WP when OverRide search returns a NOTFOUND error message
//*****

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```
Label(OverDone@)
AppMaximize()
Go(MacQuit@)
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//************************************************************************
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```
// Close bibliography file quit macro
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//************************************************************************
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```
Label(MacQuit@)
```

```
CheckBox1:=0
```

```
Close(No!)
```

```
DocNext()
```

```
DialogDefine(100; 50; 50; 200; 75; 1+16; "Process Complete")
```

```
DialogAddText(100; 1001; 10; 10; 200; 15; 1; "Search of ""+SrchText+""
completed.")
```

```
DialogAddCheckBox(100;1002;10;25;200;15; "&Abandon File";CheckBox1)
```

```
DialogDisplay(100; 1)
```

```
DialogDestroy(100)
```

```
If (CheckBox1=1)
```

```
    Close(No!)
```

```
EndIf
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QUIT
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//************************************************************************
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```
// Quit macro abruptly
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//************************************************************************
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```
Label(AbruptQuit@)
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QUIT
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