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//*****
//*** ASSEMBLE DOCUMENT MACRO
//*** HOTDOCS DOCUMENT ASSEMBLER V3.0
//*** CAPSOFT DEVELOPMENT CORPORATION
//*****

ONERROR(End@)
ONNOTFOUND(End@)
BookmarkDelete("CapsBM")

//*** SET ASM FLAG TO ASM OK, I.E. 1
CloseTplFlag := AsmFlag
AsmFlag := 1

//*** IF DOCUMENT IS EMPTY ASSEMBLY IS DONE
selBM = "HDSelAsm"
ONERROR(NoSelBM@)
BookmarkBlock(selBM)
InFlags := 0
IF (?BlockActive)
    PosCharPrevious()
    PosCharNext()
    SelectMode(On!)
    PosDocTop()
    SelectDelete()
    BookmarkBlock(selBM)
    PosCharNext()
    PosCharPrevious()
    SelectMode(On!)
    PosDocBottom()
    SelectDelete()
    BookmarkDelete(selBM)
    inFlags := 64
ENDIF
Label(NoSelBM@)
ONERROR(End@)
PosDocTop()
PosDocTop()
docSize := ?DocumentInformation
IF (docSize = 0)
    RETURN
ENDIF

//*** SET CHEVRONS
IF (EXISTS(openChar) = 0)
    openChar := "«"
    closeChar := "»"

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    restartFile := OrgFile
ENDIF

//Display(On!)
/** LOAD AND DLL AND OPEN ASSEMBLER**
DllLoad(HotdocsDll;"HD3_32.dll")
DllCall(
    HotdocsDll;
    "OpenAssembly";
    Result:Integer;
    {OrgFile;InFlags}
)

/** IF SOMETHING IS WRONG, GO TO END
IF (Result=0)
    AsmFlag := 0
    DllCall(
        HotdocsDll;
        "CloseAssembly";
        Result:Integer;
        {OrgFile}
    )
    DllFree(HotDocsDll)
    UserFunction("PCDOCS:disable")
    Close(No!)
    UserFunction("PCDOCS:enable")
    RETURN
ENDIF

/** SHOW ASSEMBLY OR NOT
showAsm := Result <> 1
//IF (NOT showAsm)
// Display(Off!)
//ENDIF
IF (showAsm)
    Display(On!)
ENDIF

/**GET BAR STATES AND TURN OFF BARS IF DOC IS BIG
bigDoc := docSize > 3000
butBar := ?ButtonBarActive AND bigDoc AND NOT showAsm
IF (butBar) ButtonBarShow(Off!) ENDIF
powBar := ?PowerBarActive AND bigDoc AND NOT showAsm
IF (powBar) PowerBarShow(Off!) ENDIF
statBar := ?StatusBarActive AND bigDoc AND NOT showAsm
IF (statBar) StatusBarShow(Off!) ENDIF

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//*** TURN OFF QUICK CORRECT
IF (qcOn) QuickCorrect(Off!) ENDIF
IF (cflOn) CapBeginSentence(Off!) ENDIF
IF (ssqOn) SingleSmartQuote(Off!;;) ENDIF
IF (dsqOn) DoubleSmartQuote(Off!;;) ENDIF
IF (ticOn) IrregularCap(Off!) ENDIF

//*** INITIALIZE SEARCH
SearchCaseSensitive(State:No!)
SearchFindWholeWordsOnly(State:No!)
SearchInSelection(State:No!)
SearchWrap(State:No!)
MatchLimit(State:No!;0)
MatchWithAttributes(State:No!)
MatchWithFont(State:No!)
MatchWithFontSize(State:No!)

//*** INITIALIZE INSERT MODE
insert := 1

//*** LOOP UNTIL NOT FIELD FOUND
REPEAT
  IF (insert = 0)
    MatchExtendSelection()
  ELSE
    MatchSelection()
  ENDIF
  SearchString(openChar)
  IF (showAsm)
    Display(Off!)
  ENDIF
  SearchNext(Extended!)
  IF (showAsm)
    Display(On!)
  ENDIF
  DeleteCharNext()
  inTable := ?BetweenTableCodes
  IF (inTable)
    parseCmd := 2
  ELSE
    parseCmd := 1
  ENDIF
  MatchExtendSelection()
  SearchString(closeChar)
  SearchNext(Regular!)
  FieldBuf := SUBSTR(?SelectedText;1;STRLEN(?SelectedText)-1)
// *** PARSE FIELD

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Result := 0
DllCall(
    HotdocsDll;
    "Parse";
    NewText:AnsiString;
    {OrgFile;parseCmd+32 * 8;ADDRESS(Result);FieldBuf}
)
Type("x")
DeleteCharPrevious()                /*** DELETE FIELD
// ** EXECUTE FIELD COMMAND
CASE (Result;{
0;Abort@;
1;DoNothing@;
2;Merge@;
3;On@;
4;Off@;
5;Insert@;
6;ParseError@;
7;Restart@;
8;Merge@;
9;Merge@;
10;Play@
};Other@)
Label(Abort@)
    ErrorField := ""
    AsmFlag := 0
    GO(End@)
Label(DoNothing@)
    CALL(DeleteHrt@)
    GO(Skip@)
Label(Merge@)
    moreStuff := Result
    row := ?Row
    col := ?Column
    REPEAT
        Type(NewText)
        IF (inTable)
            IF (moreStuff = 8)
                IF (?TableLastCell = 1)
                    TableInsertColumn(1;After!)
                ELSE
                    TabKey()
                    IF (?Row > row)
                        ShiftTabKey()
                        TableInsertColumn(1;After!)
                    ENDIF
                ENDIF
            ENDIF

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ENDIF
IF (moreStuff = 9)
    TableAppendRow()
    WHILE (col <> ?Column)
        PosCharPrevious()
    ENDWHILE
    row := ?Row
ENDIF
ELSE
    IF (moreStuff = 8)
        TabInsert()
    ENDIF
    IF (moreStuff = 9)
        HardReturnInsert()
    ENDIF
ENDIF
ENDIF
IF (moreStuff <> 2 OR STRLEN(NewText) > 200)
    DllCall(
        HotdocsDll;
        "MoreStuff";
        NewText:AnsiString;
        {OrgFile;ADDRESS(moreStuff)}
    )
ELSE
    moreStuff = 0
ENDIF
UNTIL (moreStuff = 0)
IF (?LeftChar = "." AND ?RightChar = ".")
    DeleteCharPrevious()
ENDIF
GO(Skip@)
Label(On@)
    CALL(DeleteHRt@)
    insert := 1
    GO(Skip@)
Label(Off@)
    IF (NewText = "")
        CALL(DeleteHRt@)
    ELSE
        TYPE(NewText)
    ENDIF
    insert := 0
    GO(Skip@)
Label (ParseError@)
    ErrorField := FieldBuf
    AsmFlag := 2
    GO(End@)

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Label (Insert@)
    CALL (DeleteHRt@)
    //page := ?Page
    TYPE ("«END INSERT»")
    HardReturn()
    FOR (i;1;i<=13;i+1)
        PosCharPrevious()
    ENDFOR
    FileInsert (NewText;Yes!;Insert!)
    //PosGoTo (TopOfPage!;page;)
    GO (Skip@)
Label (Restart@)
    SelectAll()
    DeleteCharNext()
    FileInsert (restartFile;Yes!;Insert!)
    PosDocTop()
    PosDocTop()
    insert := 1
    SelectMode (Off!)
    GO (Skip@)
Label (Play@)
    CALL (DeleteHRt@)
    SUBSTR (Colon;2;1;NewText)
    IF (Colon <> ":")
        NewText := ?PathMacros + NewText
    ENDIF
    RUN (NewText)
    GO (Skip@)
Label (Other@)
    CALL (DeleteHRt@)
    IF (Result = 20 AND NOT inTable)
        lc := ?LeftCode
        IF ((202 <= lc AND lc <= 204) OR
            lc = 1232 OR lc = 1280 OR lc = 1536)
            PosCharPrevious()
            TYPE (NewText)
            PosCharNext()
        ELSE
            TYPE (NewText)
        ENDIF
    ENDIF
    IF (Result > 20)
        endRepeat := openChar + "END REPEAT" + closeChar
        nextTkn := openChar + "NEXT" + closeChar
        IF (inTable)
            PosLineVeryBegin()
            PosLineBegin()

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        SelectLineVeryEnd()
        SelectLineEnd()
        SelectLineEnd()
        TableCopy(Block!)
        PosLineVeryEnd()
        PosTableCellBottom()
        PosLineEnd()
        TYPE(endRepeat)
        FOR (i;1;i<=Result-22;i+1)
            PosLineVeryBegin()
            PosLineBegin()
            TableInsertRow(1;Before!)
            EditPaste()
            PosCellDown()
            PosCharPrevious()
            TYPE(nextTkn)
        ENDFOR
        PosLineVeryBegin()
        PosLineBegin()
        GO(Skip@)
    ENDIF
    //TYPE(NewText)
Type("x") // Insert X to save space from deletion
hdRepeatBM = "HDRepeatBM"
BookmarkDelete(hdRepeatBM)
BookmarkCreate(hdRepeatBM)
MatchPositionBefore()
SearchString(endRepeat)
SearchNext(Regular!)
SelectOn(CharMode!)
BookmarkFind(hdRepeatBM)
EditCut()
FOR (i;1;i<=Result-21;i+1)
    EditPaste()
    TYPE(nextTkn)
    HardReturn()
ENDFOR
BookmarkFind(hdRepeatBM)
BookmarkDelete(hdRepeatBM)
DeleteCharPrevious() //*** DELETE X

    ENDIF
    GO(Skip@)
Label(Skip@)
IF (insert = 0)
    SelectMode(On!)
ENDIF

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UNTIL (1>2)

// *** CLOSE PARSER
LABEL (End@)
IF (AsmFlag = 1)
    DllCall(
        HotdocsDll;
        "ParseDone";
        Result:Integer;
        {OrgFile}
    )
IF (Result = 2)
    PosDocTop()
    PosDocTop()
    SelectMode(On!)
    PosDocBottom()
    DeleteCharPrevious()
    Font("Courier New";;;;;;)
    FontSize(10p)
    EditPaste()
    PosDocTop()
    ONNOTFOUND(BoldDone@)
    MatchSelection()
    SearchString("\b")
    REPEAT
        SearchNext()
        DeleteCharPrevious()
        DeleteCharPrevious()
        SelectMode(On!)
        PosLineDown()
        AttributeAppearanceToggle(Bold!)
        SelectMode(Off!)
    UNTIL (1>2)
    Label(BoldDone@)
    PosDocTop()
ENDIF
IF (Result = 1)
    PosDocTop()
    DllCall(HotdocsDll;"GetPref";typeHerePref:AnsiString;
        {OrgFile;"(MOVE TO TYPE HERE)"} )
    IF (typeHerePref = "YES")
        ONERROR(NoBM@)
        BookmarkFind("TypeHere")
        BookmarkDelete("TypeHere")
        LABEL(NoBM@)
    ENDIF
ENDIF
ENDIF

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    IF (Result = 0)
        AsmFlag := 3
    ENDIF

ENDIF

/**/SHOW BARS
IF (butBar) ButtonBarShow(On!) ENDIF
IF (powBar) PowerBarShow(On!) ENDIF
IF (statBar) StatusBarShow(On!) ENDIF

/**/CLOSE ASSEMBLER AND FREE DLL
DllCall(
    HotdocsDll;
    "CloseAssembly";
    Result:Integer;
    {OrgFile}
)
/**/ CLOSE THE DOCUMENT IF SOMETHING WRONG
IF (AsmFlag = 1)
ELSE
    ONERROR(NoSub@)
    SubstructureExit()
    LABEL(NoSub@)
    UserFunction("PCDOCS:disable")
    Close(No!)
    UserFunction("PCDOCS:enable")
ENDIF

/**/ TURN ON QUICK CORRECT
IF (qcOn) QuickCorrect(On!) ENDIF
IF (cflOn) CapBeginSentence(On!) ENDIF
IF (ssqOn) SingleSmartQuote(On!;;) ENDIF
IF (dsqOn) DoubleSmartQuote(On!;;) ENDIF
IF (ticOn) IrregularCap(On!) ENDIF

IF (CloseTplFlag = 1160)
    /**/ CLOSE THE TEMPLATE
    Display(On!)
    DllCall(
        HotdocsDll;
        "CloseTemplate";
        Result:Integer;
        {OrgFile}
    )
    Display(Off!)
ENDIF

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DllFree(HotDocsDll)
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RETURN
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```
LABEL(DeleteHRT@)
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    rc := ?RightCode
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    IF ((202 <= rc AND rc <= 204) OR rc = 1232 OR  
        rc = 1280 OR rc = 1536 OR rc = 6100 OR  
        rc = 6356 OR rc = 6612 OR rc = 2269)
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        DeleteCharNext()
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    //ELSE IF (rc <> 0 )
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    // tstr = NUMSTR(rc)
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    // MessageBox(mv;tstr;"rcode");;)
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    //ENDIF
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ENDIF
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RETURN
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