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//*****
//*** ASSEMBLE DOCUMENT MACRO
//*** HOTDOCS DOCUMENT ASSEMBLER V2.0
//*** CAPSOFT DEVELOPMENT CORPORATION
//*****

BookmarkDelete("CapsBM")

IF (EXISTS(openChar) = 0)
    openChar := "«"
    closeChar := "»"
    restartFile := OrgFile
ENDIF

//*** SET ASM FLAG TO ASM OK, I.E. 1
CloseTplFlag := AsmFlag
AsmFlag := 1
InFlags := 0

//*** IF DOCUMENT IS EMPTY ASSEMBLY IS DONE
selBM = "HDSelAsm"
ONERROR(NoSelBM@)
BookmarkBlock(selBM)
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
Display(On!)

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/*** LOAD AND DLL AND OPEN ASSEMBLER**
DllLoad(HotdocsDll;"HD3.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

/***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

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

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MatchWithFont(State:No!)
MatchWithFontSize(State:No!)

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

/**** LOOP UNTIL NOT FIELD FOUND
ONERROR(End@)
ONNOTFOUND(End@)
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
    Result := 0
    DllCall(
        HotdocsDll;
        "Parse";
        NewText:AnsiString;
        {OrgFile;parseCmd+(32*3);ADDRESS(Result);FieldBuf}
    )
    DeleteCharNext()                /**** DELETE FIELD
    /**** EXECUTE FIELD COMMAND
    CASE (Result;{
    0;Abort@;
    1;DoNothing@;

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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
            IF (moreStuff = 9)
                TableAppendRow()
                WHILE (col <> ?Column)
                    PosCharPrevious()
                ENDWHILE
                row := ?Row
            ENDIF
        ELSE
            IF (moreStuff = 8)
                TabInsert()
            ENDIF
            IF (moreStuff = 9)

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        HardReturnInsert()
    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@)
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()

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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()
        SelectLineVeryEnd()
        SelectLineEnd()
        SelectLineEnd()
        TableCopy(Block!)
        PosLineVeryEnd()
        PosTableCellBottom()
        PosLineEnd()
        TYPE(endRepeat)
        FOR (i;1;i<=Result-22;i+1)
            PosLineVeryBegin()
            PosLineBegin()
            TableInsertRow(1;Before!)
            EditPaste()

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        PosLineVeryEnd()
        PosTableCellBottom()
        PosLineEnd()
        TYPE (nextTkn)
    ENDFOR
    PosLineVeryBegin()
    PosLineBegin()
    GO (Skip@)
ENDIF
//TYPE (NewText)
hdRepeatBM = "HRepeatBM"
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)
ENDIF
GO (Skip@)
Label (Skip@)
//IF (insert = 0)
// SelectMode (On!)
//ENDIF
UNTIL (1>2)

// *** CLOSE PARSER
LABEL (End@)
IF (AsmFlag = 1)
    DllCall(
        HotdocsDll;
        "ParseDone";
        Result:Integer;
        {OrgFile}
    )
    IF (Result = 2)
        PosDocTop()
        PosDocTop()
        SelectMode (On!)
    
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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
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";

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        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

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

    RETURN

    LABEL (DeleteHrt@)
        rc := ?RightCode
        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)
            DeleteCharNext ()
        ENDIF
    RETURN

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