

```

//*****
// Copyright (C) 1997 Maximizer Technologies Inc.
//*****
//PreviousEntry
Application (A1; "WordPerfect"; Default; "US")

if ( not MaximizerIsLoaded() ) go Exit_PreviousEntry endif
if ( not DatabaseIsOpen() ) go Exit_PreviousEntry endif
if ( not LoopUntilMaximizerIsReady() ) go Exit_PreviousEntry endif
if ( ListIsEmpty() ) go Exit_PreviousEntry endif

ddeCurrent = InitiateMaxWinDDE( "CURRENTRECORD")
if (ddeCurrent = 0) go Exit_PreviousEntry endif
OnError( PreviousEntryTerminatedDDE)

entryValid = false
while (not entryValid)
    //check for beginning of list
    index = strNum( ddeRequest( ddeCurrent; "GetListEntryIndex"))
    if (index = 1)
        messageBox( v; "Maximizer"; "Reached top of list."; OK!|
IconExclamation!)
        go PreviousEntryTerminatedDDE
    endif

    ddeExecute( ddeCurrent; "[ScrollList(LineUp)]" )

    //test for valid client/contact
    clientID = ddeRequest( ddeCurrent; "Identification")
    entryValid = (clientID <> "")
endwhile

Label( PreviousEntryTerminatedDDE )
ddeTerminate( ddeCurrent )

Label( Exit_PreviousEntry )
Quit

////////////////////////////////////
// Shared functions

//*****
//returns true if Maximizer is loaded, false otherwise
//*****
function MaximizerIsLoaded()
    isLoading = false
    onError( Exit_MaximizerIsLoaded )

    isLoading = ( AppLocate( "Maximizer*" ) <> 0 )

    if ( not isLoading )
        messagebox( vReturn; "Maximizer Template"; "Please start
Maximizer."; OK!| IconExclamation! )
    endif

Label(Exit_MaximizerIsLoaded)
return( isLoading )

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endfunc
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//*****  
// Returns true if Maximizer is busy, false otherwise  
//*****  
function MaximizerIsBusy()  
    returnValue = true  
    OnError( Exit_MaximizerIsBusy )  
  
    ddeCurrent = InitiateMaxWinDDE( "SYSTEM" )  
    if (ddeCurrent <> 0)  
        onError( MaximizerIsBusyDDETerminate )  
        returnValue := (DDERequest( ddeCurrent; "BUSYINDICATOR" ) =  
"BUSY")  
  
        Label( MaximizerIsBusyDDETerminate )  
        ddeTerminate( ddeCurrent )  
    endif  
  
Label( Exit_MaximizerIsBusy )  
    return( returnValue )  
endfunc
```

```
//*****  
//loops until Maximizer is ready, or until User presses cancel  
//returns false if user cancel, else returns true  
//*****  
function LoopUntilMaximizerIsReady()  
    vResult = 1  
    onError( Exit_LoopUntilMaximizerIsReady )  
  
    while ( ( vResult = 1 ) and ( MaximizerIsBusy() ) )  
        messagebox( vResult; "Maximizer Template"; "Maximizer is currently  
busy with another task. Please complete all tasks within Maximizer and click  
OK to continue."; OKCANCEL!| IconExclamation! )  
    endwhile  
  
Label( Exit_LoopUntilMaximizerIsReady )  
    return( vResult = 1 )  
endfunc
```

```
//*****  
//replaces all x characters with y in string z  
//*****  
//function ReplaceWithIn( x; y; z )  
//    out = ""  
//    theLength = strlen(z)  
//    for( lp; 1; lp <= theLength; lp+1 )  
//        ch = substr( z; lp; 1 )  
//        if (ch = x) ch = y endif  
//        out = out + ch  
//    endfor  
//    return( out )  
//endfunc
```

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//*****
//starts a DDE conversation with MaxWin
//*****
function InitiateMaxWinDDE(topic)
    dde = 0
    onError( Error_InitiateMaxWinDDE )

Label( Retry_InitiateMaxWinDDE )
    dde = DDEInitiate( "MAXWIN"; topic )
    if ( dde <> 0 ) go( Exit_InitiateMaxWinDDE ) endif

Label( Error_InitiateMaxWinDDE )
    messagebox( vReturn; "Maximizer Template"; "Unable to initiate a
conversation with Maximizer. Please verify that Maximizer is running, that a
Maximizer database is open, and that no dialogs are currently active.";
OKCANCEL!| IconExclamation! )
    if ( vReturn = 1 )
        go( Retry_InitiateMaxWinDDE )
    endif

Label( Exit_InitiateMaxWinDDE )
    return( dde )
endfunc

//*****
//returns true if the current Maximizer list is empty
//*****
function ListIsEmpty()
    isEmpty = true
    onError( Exit_ListIsEmpty )

    ddeCurrent = InitiateMaxWinDDE( "CURRENTRECORD" )
    if ( ddeCurrent = 0 ) go Exit_ListIsEmpty endif

    onError( ListIsEmptyDDETerminate )
    dummy = ddeRequest( ddeCurrent; "GetListCount" ) = "0"
    isEmpty = false

Label( ListIsEmptyDDETerminate )
    ddeTerminate( ddeCurrent )
    if ( isEmpty ) messagebox( vResult; "Maximizer Template"; "The Maximizer
list is empty."; OK!| IconExclamation! ) endif

Label( Exit_ListIsEmpty )
    return ( isEmpty )
endfunc

//*****
//displays help
//*****
//function DisplayHelp(contextID)
//    dllcall prototype WinHelpA("User32.dll"; ; integer; {hwnd;
//ansistring(helpfile); command; data})

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//
//      r = winhelpA( 0;"maxwin.hlp"; 1; contextID)
//endfunc

////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
//
//MMW: newly added functions
//*****
//returns true if the current entry does not have an ID
//*****
//function PersonalHotList()
//      retVal = false
//
//      ddeCurrent = InitiateMaxWinDDE("CurrentRecord")
//      if (ddeCurrent <> 0)
//          if (ddeRequest( ddeCurrent; "Identification") = "")
//              retVal = true
//              messageBox( vDlg; "Maximizer Template"; "This action
cannot //be performed when a personal HotList task is selected."; OK||
//IconExclamation!)
//          endif
//          ddeTerminate( ddeCurrent )
//      endif
//      return( retVal )
//endfunc

//*****
//returns true if the current entry does not have an ID
//*****
function DatabaseIsOpen()
    retVal = false

    ddeSystem = InitiateMaxWinDDE( "SYSTEM" )
    if (ddeSystem <> "")
        dbPath = ddeRequest( ddeSystem; "CurrentDatabasePath")
        if (dbPath <> "n/a")
            retVal = true
        else
            messagebox( vDlg; "Maximizer Template"; "Please open a
Maximizer Address Book Folder."; OK|| IconExclamation!)
        endif
    endif
    return( retVal )
endfunc

```