

'Image conversion and screen dump for LB4.03 utilising pct_dll.dll(Mike Bradbury mike_ukmid)

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'DLL source - http://www.tek-
tips.com/faqs.cfm?fid=4824 (Visual FoxPro forum)
'DLL author has given permission for the dll to be distributed via the
above link.
>Contact the author (James Khan, [[mailto:njjane@21cn.com|njjane@21cn.
com]]) if
'you wish to use his DLL in commercial applications.
'
'Copy the dll to the application folder.

'The dll has six functions
'1 copy window or screen to bmp
'2 copy screen area to bmp
'3 convert bmp to jpeg
'4 convert jpg to bmp
'5 get bmp dimensions
'6 get jpg dimensions

nomainwin
WindowWidth=500
open "pct_dll.dll demo" for text as #1
#1, "!trapclose [quit]"
hW=hwnd(#1)
call dll #user32, "GetParent", _
hW as long, _
hP as long
open "pct_dll.dll" for dll as #conv
#1, "pct_dll.dll demo";chr$(13)

'1 window to bmp
'application notes indicate full path required, but works without
dest$="window.bmp"
'hP=0 'for full screen dump
call dll #conv, "formtobmp", hP as ulong, dest$ as ptr, r as long
if r=0 then r$="Successful" else r$="failed"
#1, "screen dump to window.bmp ";r$

'2 screen area to bmp
x1=50:x2=250
y1=50:y2=250
'application notes indicate full path required, but works without
dest$="screenArea.bmp"
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call dll #conv, "formtobmpA", dest$ as ptr, x1 as long,_
y1 as long, x2 as long, y2 as long, r as long
if r=0 then r$="Successful" else r$="failed"
#1, "screen area dump to screenArea.bmp ";r$

'3 bmp to jpeg
source$="window.bmp":dest$="window.jpg"
'return zero = success, 1 = fail
call dll #conv, "tojpeg", source$ as ptr, dest$ as ptr, r as long
if r=0 then r$="Successful" else r$="failed"
#1, "Conversion bmp to jpg ";r$

'4 jpg to bmp
source$="window.jpg":dest$="window2.bmp"
'return zero = success, 1 = fail
call dll #conv, "tobmp", source$ as ptr, dest$ as ptr, r as long
if r=0 then r$="Successful" else r$="failed"
#1, "Conversion bmp to jpg ";r$

'5 get bmp dimension
struct width, nwidth as long
struct height, nheight as long
bmpfilename$="window.bmp"
call dll #conv, "getbmpdimension", bmpfilename$ as
ptr, width as struct, height as struct, r as long
#1, "bmp WxH - ";width.nwidth.struct;"x";height.nheight.struct
if r<>0 then #1, "Unable to get dimensions of bmp!"
width.nwidth.struct=0:height.nheight.struct=0

'6 get jpg dimension
jpgfname$="window.jpg"
call dll #conv, "getjpgdimension", jpgfname$ as ptr, width as
struct, height as struct, r as long
#1, "jpg WxH - ";width.nwidth.struct;"x";height.nheight.struct
if r<>0 then #1 "Unable to get dimensions of jpg!"
close #conv
wait

[quit]
close #1
end
```