

SVC_DUPHANDLE

Duplicate a file handle. This call creates a new file handle that refers to the same open file, pipe, or device as an existing handle.

Brief

Duplicate file handle (INT 21h AH=45h)

Input

- BX = existing file handle

Return

- CF clear if successful
 - AX = new handle
- CF set on error
 - AX = [error code](#) (04h, 06h)

Notes

- Both handles refer to the same system file table entry. Moving the file pointer for one handle also moves it for the other.
- Closing one handle does not affect the other until both are closed.
- The new handle has the same access rights and sharing mode as the original.

Binding

MASM

```
include macrolib.inc

mov bx, handle
@SvcDupHandle

handle dw 1234h
```

C

```
#include <svc.h>

unsigned short newhandle;
unsigned short oldhandle = 0x1234;

newhandle = SvcDupHandle(oldhandle);
```

The underlying pragma is defined as:

```
extern unsigned short SvcDupHandle(unsigned short handle);
#pragma aux SvcDupHandle = \
    "hlt"          \
    "db  0"         \
    "db  NOT 0"     \
    parm [bx]       \
    value [ax]      \
    modify [ax bx cx dx];
```

See also

- [INT 21h AH=45h](#) - DOS duplicate handle

SVC API	
Supervisor calls	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85
Structures	FCB XFCB FILETIME FILEDATE

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