

# SVC API

Supervisor calls API aimed to call host services from MVM.

## Functions

| Function | Description   |
|----------|---|
| 0        | Duplicate handle (params and result same as in INT 21H AH=45H)                  |
| 1        | Terminate MVM with error message (top of stack - far pointer to message ASCIIZ) |
| 2        | Terminate MVM and return code to parent process from AX                         |
| 3        | Close file handle (interface not investigated yet)                              |
| 4        | Reset disk buffers  |
| 5        | Get current PSP (interface not investigated yet)                                |
| 6        | Select default drive (params and result same as in INT 21H AH=0EH)              |
| 7        | Set DTA from DS:DX (params and result same as in INT 21H AH=1AH)                |
| 8        | Get version (interface not investigated yet)                                    |
| 9        | Write file handle (interface not investigated yet)                              |
| 10       | Set system date (params and result same as in INT 21H AH=2BH)                   |
| 11       | Set system time (params and result same as in INT 21H AH=2DH)                   |
| 12       | Get system date (result same as in INT 21H AH=2AH)                              |
| 13       | Get system time (result same as in INT 21H AH=2CH)                              |
| 14       | Read file handle (interface not investigated yet)                               |
| 15       | Set file handle position (interface not investigated yet)                       |
| 16       | Delete directory (params and result same as in INT 21H AH=3AH)                  |
| 17       | Create directory (interface not investigated yet)                               |
| 18       | Get current directory (params and result same as in INT 21H AH=47H)             |
| 19       | Change directory (params and result same as in INT 21H AH=3BH)                  |
| 20       | Get/Set file time (interface not investigated yet)                              |
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| 29       | Delete file using FCB DS:DX → unopened FCB ES → environment segment             |
| 30       | Rename file using FCB (params and result same as in INT 21H AH=17H)             |
| 31       | Delete file (interface not investigated yet)                                    |
| 32       | Rename file (interface not investigated yet)                                    |
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| Function | Description   |
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| 44       | Set VERIFY flag from AL   |
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| 48       |   |
| 49       | Parse filename to FCB (params and result same as in INT 21H AH=29H) |
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| 61       | Absolute disk read (interface not investigated yet)                 |
| 62       | Absolute disk write (interface not investigated yet)                |
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| Function           | Description |
|--------------------|-------------|
| <a href="#">82</a> |             |
| <a href="#">83</a> |             |
| <a href="#">84</a> |             |
| <a href="#">85</a> |             |

## Structures

- [FCB](#)
- [XFCB](#)
- [FILETIME](#)
- [FILEDATE](#)

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