



# DOS API

Most of DOS API calls are invoked using software interrupt INT 21H. In most cases AH register are set to function number.

## DOS Interrupts

Interrupt vector	Description	Version	Notes
20H	Terminate program	1.0+	Implemented in DOS kernel
21H	Main DOS API	1.0+	Implemented in DOS kernel
22H	Program terminate address	1.0+	Return address in calling program
23H	Control-C handler address	1.0+	Default handler is in the command shell (usually COMMAND.COM)
24H	Critical error handler address	1.0+	Default handler is in the command shell (usually COMMAND.COM)
25H	Absolute disk read	1.0+	Implemented in DOS kernel, enhanced in DOS 3.31 to support up to 2 GB partitions
26H	Absolute disk write	1.0+	Implemented in DOS kernel, enhanced in DOS 3.31 to support up to 2 GB partitions
27H	Terminate and stay resident	1.0+	Implemented in COMMAND.COM in DOS 1.0, DOS kernel in DOS 2.0+
28H	Idle callout	2.0+	Called by DOS kernel when waiting for input
29H	Fast console output	2.0+	Implemented by the builtin console device driver or a replacement driver like ANSI.SYS
2AH	Networking and critical section	3.0+	Called by DOS kernel to interface with networking software
2EH	Reload transient	2.0+	Implemented in COMMAND.COM
2FH	Multiplex	3.0+	Implemented in DOS kernel and various programs (PRINT, MSCDEX, DOSKEY, APPEND, etc.) depending on subfunction number

From:

<https://ftp.osfree.org/doku/> - **osFree wiki**

Permanent link:

<https://ftp.osfree.org/doku/doku.php?id=en:docs:dos:api&rev=1536296511>

Last update: **2018/09/07 05:01**

