

signal()

Description

- `#include <signal.h>`
- `void (*signal(int sig, void (*func)(int)))(int)`

Args

- sig** - signal code as an argument

Macro	Signal
SIGABRT	(Signal Abort) End program abnormally
SIGFPE	(Signal Floating-Point Exception) Error in arithmetical
SIGILL	(Signal Illegal Instruction)
SIGINT	(Signal Interrupt) Such as ctrl-C, usually generated by user
SIGSEGV	(Signal Segmentation Violation) Such as visiting non-existing object
SIGTERM	(Signal Terminate)

- func** - a function pointer; it can be customized, or predefined functions as follows:

Macro	Pointer
SIG_DFL	默认的信号处理程序。
SIG_IGN	忽视信号。

Return Value

- This function returns the value before the signal handler and **SIG_ERR** when an error occurs.