

Realtime signals:

The main difference with respect to standard signals is that real-time signals of the same kind may be queued. This ensures that multiple signals sent will be received. Although the Linux kernel does not make use of real-time signals, it fully supports the POSIX standard by means of several specific system calls.

Sigqueue () passes more additional information than kill (), but Sigqueue () sends a signal to only one process and cannot send a signal to a process group.

The sigaction() function provides a more comprehensive and reliable mechanism for controlling signals. new applications should use sigaction() rather than signal(). signal action is preferable than regular signal by all standards. The only 'con' is that it is not supported by standard c library(this can be easily bypassed).