As funções que são seguras de se usar num signal handler são as funções *async-signal-safe*. Na figura seguinte estão representadas essas funções:

|  |  |  |  |
| --- | --- | --- | --- |
| **\_exit()** | **fstat()** | **read()** | **sysconf()** |
| **access()** | **getegid()** | **rename()** | **tcdrain()** |
| **alarm()** | **geteuid()** | **rmdir()** | **tcflow()** |
| **cfgetispeed()** | **getgid()** | **setgid()** | **tcflush()** |
| **cfgetospeed()** | **getgroups()** | **setpgid()** | **tcgetattr()** |
| **cfsetispeed()** | **getpgrp()** | **setsid()** | **tcgetpgrp()** |
| **cfsetospeed()** | **getpid()** | **setuid()** | **tcsendbreak()** |
| **chdir()** | **getppid()** | **sigaction()** | **tcsetattr()** |
| **chmod()** | **getuid()** | **sigaddset()** | **tcsetpgrp()** |
| **chown()** | **kill()** | **sigdelset()** | **time()** |
| **close()** | **link()** | **sigemptyset()** | **times()** |
| **creat()** | **lseek()** | **sigfillset()** | **umask()** |
| **dup2()** | **mkdir()** | **sigismember()** | **uname()** |
| **dup()** | **mkfifo()** | **sigpending()** | **unlink()** |
| **execle()** | **open()** | **sigprocmask()** | **utime()** |
| **execve()** | **pathconf()** | **sigsuspend()** | **wait()** |
| **fcntl()** | **pause()** | **sleep()** | **waitpid()** |
| **fork()** | **pipe()** | **stat()** | **write()** |