1 Linux Signal CheatSheet LINUX

- PDF Link: cheatsheet-signal-A4.pdf, Category: linux
- Blog URL: `https://cheatsheet.dennyzhang.com/cheatsheet-signal-A4`
- Related posts: CheatSheet: shell, CheatSheet: SRE/DevOps/Sysadmin, #denny-cheatsheets

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1.1 Basic

Name	Command
`kill -l`	List all signals
Critical signals	The signals SIGKILL and SIGSTOP cannot be caught, blocked, or ignored.
`SIGINT`	Users wish to interrupt the process
`SIGHUP`	Reload or restart a process. `kill -HUP $pid`
`SIGHUP`	Terminal warns dependent processes of logout
`SIGCHILD`	When a child process terminates, instruct OS to cleanup the resource
`SIGSTOP`	Suspend a process
`SIGKILL`, `SIGTERM`	Send kill signal to a given process. `kill -term $pid`, `kill -9 $pid`
`SIGUSR1`, `SIGUSR2`	User defined signals
`SIGSTOP` vs `SIGTSTP`	SIGSTOP can't be ignored by the targetted process, but SIGTSTP can
What happens, when pressing Ctrl-C	Kernal translates the ASCII character(`^C`) to `SIGINT` signal
Reference	wikipedia: Signal (IPC)

1.2 Background & Daemons

Name	Command
Suspend process: bring it to background	`kill -STOP $pid`, `Ctrl-z`
Bring a background process to foreground	`fg $JOB_ID`
List all background jobs	`jobs`, `jobs -l`
Put a running process to background, and ignore HUP signal	`nohup $command &`, `nohup $command>foo.out 2>foo.err < /d`
Tools to bring process to background and detach signals	`nohup`, `tmux`, `screen`

1.3 More Resources

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