

NAME

startpar - start runlevel scripts in parallel

SYNOPSIS

startpar [-p *par*] [-i *iorate*] [-t *timeout*] [-T *global_timeout*] [-a *arg*] **prg1 prg2 ...**
startpar [-p *par*] [-i *iorate*] [-t *timeout*] [-T *global_timeout*] -M [*boot|start|stop*]

DESCRIPTION

startpar is used to run multiple run-level scripts in parallel. The degree of parallelism on one **CPU** can be set with the **-p** option, the default is full parallelism. An argument to all of the scripts can be provided with the **-a** option. Processes blocked by pending **I/O** will cause new process creation to be weighted by the *iorate* factor 800. To change this factor the option **-i** can be used to specify another value. The amount $weight = (nblocked \times iorate)/1000$ will be subtracted from the total number of processes which could be started, where *nblocked* is the number of processes currently blocked by pending I/O.

The output of each script is buffered and written when the script exits, so output lines of different scripts won't mix. You can modify this behaviour by setting a timeout.

The timeout set with the **-t** option is used as buffer timeout. If the output buffer of a script is not empty and the last output was *timeout* seconds ago, startpar will flush the buffer.

The **-T** option timeout works more globally. If no output is printed for more than *global_timeout* seconds, startpar will flush the buffer of the script with the oldest output. Afterwards it will only print output of this script until it is finished.

The **-M** option switches **startpar** into a [make\(1\)](#) like behaviour. This option takes three different arguments: *boot*, *start*, and *stop* for reading *.depend.boot* or *.depend.start* or *.depend.stop* respectively in the directory */etc/init.d/*. By scanning the boot and runlevel directories in */etc/rcX.d/* it then executes the appropriate scripts in parallel.

FILES

/etc/init.d/.depend.boot
/etc/init.d/.depend.start
/etc/init.d/.depend.stop

SEE ALSO

[init\(8\)](#) [insserv\(8\)](#).

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