

**NAME**

run-parts – run scripts or programs in a directory

**SYNOPSIS**

**run-parts** [--test] [--verbose] [--report] [--lsbsysinit] [--regex=RE] [--umask=umask] [--arg=argument] [--exit-on-error] [--help] [--version] [--list] [--reverse] [--] DIRECTORY

**run-parts** -V

**DESCRIPTION**

**run-parts** runs all the executable files named within constraints described below, found in directory *directory*. Other files and directories are silently ignored.

If neither the `--lsbsysinit` option nor the `--regex` option is given then the names must consist entirely of ASCII upper- and lower-case letters, ASCII digits, ASCII underscores, and ASCII minus-hyphens.

If the `--lsbsysinit` option is given, then the names must not end in `.dpkg-old` or `.dpkg-dist` or `.dpkg-new` or `.dpkg-tmp`, and must belong to one or more of the following namespaces: the LANANA-assigned namespace (`^[a-z0-9]+$`); the LSB hierarchical and reserved namespaces (`^_?([a-z0-9_]+-)+[a-z0-9]+$`); and the Debian cron script namespace (`^[a-zA-Z0-9_]+$`).

If the `--regex` option is given, the names must match the custom extended regular expression specified as that option's argument.

Files are run in the lexical sort order (according to the C/POSIX locale character collation rules) of their names unless the `--reverse` option is given, in which case they are run in the opposite order.

**OPTIONS**

**--test** print the names of the scripts which would be run, but don't actually run them.

**--list** print the names of the all matching files (not limited to executables), but don't actually run them. This option cannot be used with `--test`.

**-v, --verbose**  
print the name of each script to stderr before running.

**--report**  
similar to **--verbose**, but only prints the name of scripts which produce output. The script's name is printed to whichever of stdout or stderr the script first produces output on.

**--reverse**  
reverse the scripts' execution order.

**--exit-on-error**  
exit as soon as a script returns with a non-zero exit code.

**--lsbsysinit**  
use LSB namespaces instead of classical behavior.

**--new-session**  
run each script in a separate process session. If you use this option, killing run-parts will not kill the currently running script, it will run until completion.

**--regex=RE**  
validate filenames against custom extended regular expression *RE*. See the EXAMPLES section for an example.

**-u, --umask=umask**  
sets the umask to *umask* before running the scripts. *umask* should be specified in octal. By default the umask is set to 022.

- a, --arg=*argument***  
pass *argument* to the scripts. Use **--arg** once for each argument you want passed.
- specifies that this is the end of the options. Any filename after **--** will be not be interpreted as an option even if it starts with a hyphen.
- h, --help**  
display usage information and exit.
- V, --version**  
display version and copyright and exit.

## EXAMPLES

Print the names of all files in /etc that start with 'p' and end with 'd':

```
run-parts --list --regex '^p.*d$' /etc
```

## COPYRIGHT

Copyright (C) 1994 Ian Jackson.

Copyright (C) 1996 Jeff Noxon.

Copyright (C) 1996, 1997, 1998 Guy Maor

Copyright (C) 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Clint Adams

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