

MANAGE-PROCS(1)

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1 NAME

manage-procs - manage procServ instances as systemd new-style daemons

2 SYNOPSIS

manage-procs [-hl--help] [--user] [--system] [-v] *command* [*args*]

3 DESCRIPTION

manage-procs(1) is a helper script for creating/maintaining procServ(1) instances managed as systemd(1) new-style daemons.

Both user and system mode of systemd are supported. Specifying the **--user** options will consider the user unit configuration, while the **--system** option will consider the system unit configuration.

Configuration files defining procServ instances will reside in

```
/etc/procServ.conf  
/etc/procServ.d/*.conf
```

for global systemd units or

```
~/.config/procServ.conf  
~/.config/procServ.d/*.conf
```

for user systemd units. These configuration files contain blocks like

```
[instancename]  
command = /bin/bash  
## optional  
#chdir = /  
#user = nobody  
#group = nogroup  
#port=0 # default to dynamic assignment
```

The procServUtils package installs systemd generators that will generate unit files from these configuration blocks.

4 GENERAL OPTIONS

-h, --help

Show a help message and exit.

--user

Consider user configuration.

--system

Consider system configuration. (default)

-v, --verbose

Increase verbosity level. (may be specified multiple times)

5 COMMANDS

manage-procs add [-h] [-f] [-A] [-C *dir*] [-P *port*] [-U *user*] [-G *group*] *name command...*

Create a new procServ instance.

-h, --help

Show a help message and exit.

-f, --force

Overwrite an existing instance of the same name.

-A, --autostart

Start instance after creating it.

-C, --chdir *dir*

Set *dir* as run directory for instance. (default: current directory)

-P, --port *port*

Control endpoint specification (e.g. telnet port) for instance. (default: unix:'rundir'/procserv-*name*/control where *rundir* is defined by the system, e.g. "/run" or "/run/user/UID")

-U, --user *username*

User name for instance to run as.

-G, --group *groupname*

Group name for instance to run as.

name

Instance name.

command...

The remaining line is interpreted as the command (with arguments) to run inside the procServ instance.

manage-procs remove [-h] [-f] *name*

Remove an existing procServ instance from the configuration.

-h, --help

Show a help message and exit.

-f, --force

Remove without asking for confirmation.

name

Instance name.

manage-procs start [-h] [*pattern*]

Start procServ instances.

-h, --help

Show a help message and exit.

pattern

Pattern to match existing instance names against. (default: "*" = start all procServ instances)

manage-procs stop [-h] [*pattern*]

Stop procServ instances.

-h, --help

Show a help message and exit.

pattern

Pattern to match existing instance names against. (default: "*" = stop all procServ instances)

manage-procs attach [-h] *name*

Attach to the control port of a running procServ instance.

For this, manage-procs is using one of two existing CLI client applications to connect: *telnet* to connect to TCP ports and *socat* to connect to UNIX domain sockets.

For both connection types, press ^D to detach from the session.

-h, --help

Show a help message and exit.

name

Instance name.

manage-procs list [-h] [--all]

List all procServ instances.

-h, --help

Show a help message and exit.

--all

Also list inactive instances.

manage-procs status [-h]

Report the status of all procServ instances.

-h, --help

Show a help message and exit.

6 SEE ALSO

procServ(1)

7 KNOWN PROBLEMS

None so far.

8 REPORTING BUGS

Please report bugs using the issue tracker at <https://github.com/ralphlange/procServ/issues>.

9 AUTHORS

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10 RESOURCES

GitHub project: <https://github.com/ralphlange/procServ>

11 COPYING

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