Why systemd?

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fast boot

/etc/fstab

```
UUID=... /boot ext4 comment=systemd.automount 0 2
UUID=... /home ext4 comment=systemd.automount 0 2
```

socket activation

- create the communication sockets
- start background services
- pass sockets to the services while launching

unification

service files

Same in Fedora, SUSE, Gentoo, Debian, openembedded, ...

/etc/hostname

/etc/locale.conf

m_melnikau

LANG=en_US.UTF-8

/etc/os-release

/etc/vconsole.conf

NAME=Gentoo ID=gentoo KEYMAP=us

PRETTY_NAME="Gentoo Linux"

FONT=default8x16

ANSI_COLOR=1;32

simple service files

/etc/systemd/system/graphical.target.wants/bumblebeed.service

[Unit]

Description=Bumblebee C Daemon

[Service]

Type=simple

CPUSchedulingPolicy=idle

ExecStart=/usr/sbin/bumblebeed

Restart=always

RestartSec=60

StandardOutput=kmsg

[Install]

WantedBy=graphical.target

cgroups integration

systemd-cgtop

Path	Tasks	%CPU
/	477	27.0
/system	1	26.5
/system/kdm@.service	-	25.2
/system/rabbitmq-server.service	44	0.7
/system/dbus.service	12	0.3
/system/NetworkManager.service	4	0.2
/system/mysqld.service	16	0.1
/system/avahi-daemon.service	2	0.0
/system/console-kit-daemon.service	65	_
/system/rtkit-daemon.service	3	_
/system/systemd-journald.service	1	-
/system/systemd-logind.service	1	-
/system/udev.service	3	_

improved logs

systemd-journalctl -o verbose _PID=11937

```
PRIORITY=4
SYSLOG_FACILITY=1
SYSLOG_IDENTIFIER=org.kde.powerdevil.backlighthelper
MESSAGE=QDBusConnection: ... Application may misbehave.
_TRANSPORT=syslog
PID=11937
UID=0
GID=0
_COMM=backlighthelper
_EXE=/usr/lib64/kde4/libexec/backlighthelper
_CMDLINE=/usr/lib64/kde4/libexec/backlighthelper
_SYSTEMD_CGROUP=/system/dbus.service
_SYSTEMD_UNIT=dbus.service
_SOURCE_REALTIME_TIMESTAMP=1335685169367215
_BOOT_ID=083530b34e7547e48fcfe7be0726fa3f
```

info

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- http://www.freedesktop.org/wiki/Software/systemd
- http://0pointer.de/blog