

Управление резидентными процессами Linux

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Hello Systemd

Файл hello.service:

[Unit]

Description=Hello world

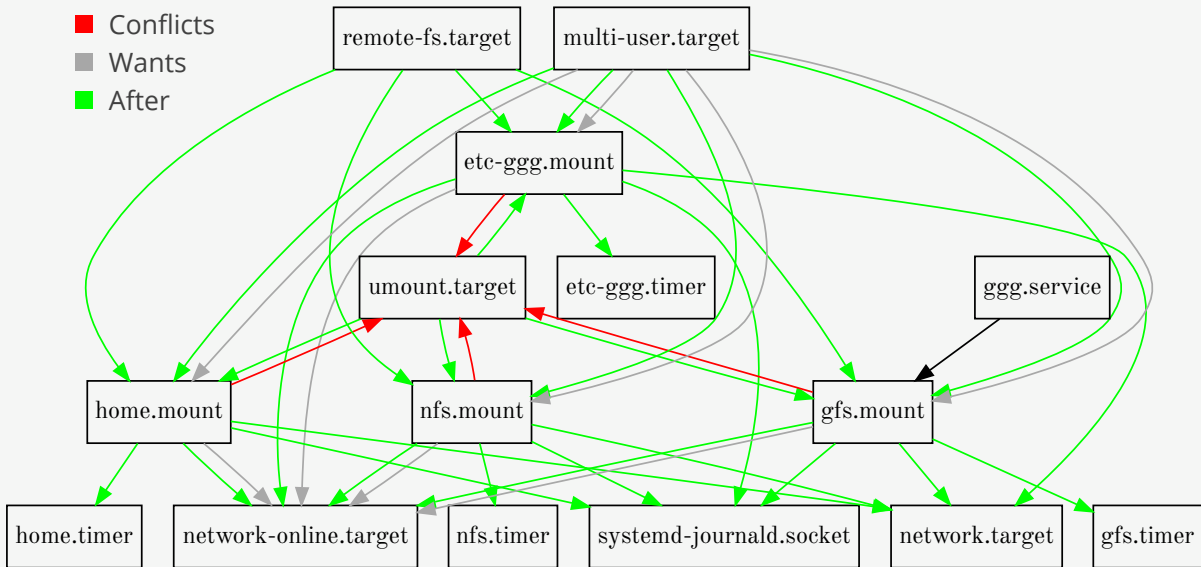
[Service]

ExecStart=/bin/sh -c "while true; do echo hello; sleep 1; done"

Запуск сервиса:

```
systemctl daemon-reload  
systemctl start hello.service  
systemctl status hello.service
```

- Requires
- Conflicts
- Wants
- After



Таймер

goodmorning.timer:

[Unit]

Description=Good morning!

[Timer]

OnCalendar=*-*-* 7:30

WakeSystem=true

[Install]

WantedBy=multi-user.target

goodmorning.service:

[Unit]

Description=Good morning!

ConditionACPower=true

[Service]

Type=oneshot

ExecStart=/path/to/script

Устройство

camera.service:

[Unit]

BindTo=dev-video0.device

After=dev-video0.device

Description=Show video

[Service]

Environment=DISPLAY=:0

User=myuser

Group=myuser

ExecStart=/bin/mplayer tv:// -tv device=/dev/video0

[Install]

WantedBy=dev-video0.device

Точка монтирования

gfs.mount:

[Mount]

DirectoryMode=0755

TimeoutSec=0

Type=glusterfs

What=m12:/gv0

Where=/gfs

[Unit]

After=network-online.target

Before=remote-fs.target

[Install]

WantedBy=multi-user.target

home.mount:

[Mount]

DirectoryMode=0755

TimeoutSec=0

Type=nfs

What=box:/raid0/data/home

Where=/home

[Unit]

After=network-online.target

Before=remote-fs.target

[Install]

WantedBy=multi-user.target

Coket

turbovnc.socket:

[Socket]

Accept=no

ListenStream=0.0.0.0:51000

[Unit]

Description=TurboVNC socket

[Install]

WantedBy=sockets.target

turbovnc.service:

[Service]

ExecStart=systemd-socket-proxyd \
127.0.0.1:41000

[Unit]

After=turbovnc-session.service

Bindsto=turbovnc-session.service

Description=TurboVNC proxy

[Install]

WantedBy=sockets.target

Путь

ant.path:

[Path]

PathModified=/nfs/repos/ant

[Unit]

After=nfs.mount

Requires=nfs.mount

Description=Update Ant

[Install]

WantedBy=multi-user.target

ant.service:

[Service]

ExecStart=/usr/bin/createrepo \
--update /nfs/repos/ant

[Unit]

After=nfs.mount

Requires=nfs.mount

Description=Update Ant

Systemd + Docker

hello.service:

[Unit]

After=docker.service

Description=Hello world

[Service]

TimeoutStartSec=0

ExecStartPre=-/usr/bin/docker kill hello

ExecStartPre=-/usr/bin/docker rm hello

ExecStartPre=/usr/bin/docker pull busybox

ExecStart=/usr/bin/docker run --name hello busybox \
/bin/sh -c "while true; do echo Hello World; sleep 1; done"

ExecStop=/usr/bin/docker stop hello

CoreOS

- ▶ Systemd
- ▶ Docker
- ▶ Etcd
- ▶ Fleet (Kubernetes)

