阅码场
YOMOCODE

多 进 程 编 程 (6)

麦当劳喜欢您来，喜欢您再来

扫描关注
Linux阅码场

多进程编程(6)

6.1 gdb与多进程
6.2 进程的coredump
6.3 strace,ltrace与多进程
6.4 进程间通信的调试(unix domain monitor)
6.5 查看日志

gdb

- set detach-on-fork off
- info inferiors
- set follow-fork-mode child
- set follow-exec-mode

cordump

- cordump
- gcore
- minicoredumper

cordump工程实施

coredump存放服务器

strace, ltrace与多进程

- -f   follow forks
- -b execve   detach on execve syscall

socat

侦听unix domain socket

- mv /tmp/UNIX.domain /tmp/UNIX.domain.original
- socat -t100 -x -v UNIX-LISTEN:/tmp/UNIX.domain,mode=777,reuseaddr,fork UNIX-CONNECT:/tmp/UNIX.domain.original
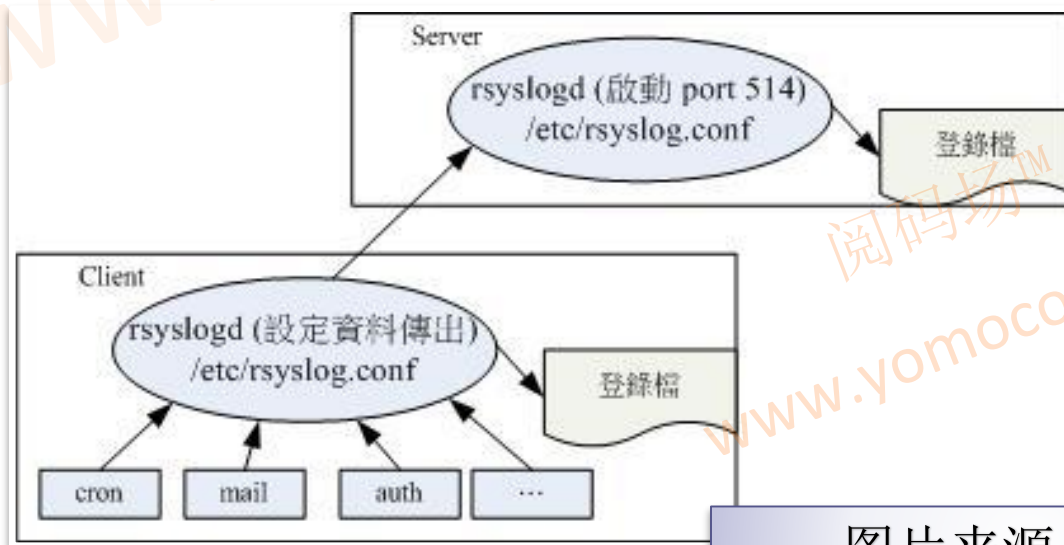
软 件 自 带 monitor 机 制

- WAYLAND_DEBUG
- dbus-monitor

日志

- Direct write
- rsyslogd
- systemd-journald

rsyslogd

- Facility: auth, authpriv, cron, daemon, kern, lpr, mail, mark, news, security, user, uucp, syslog, local0-local7
- proirity：debug, info, notice, warn, err, crit, alert, emerg
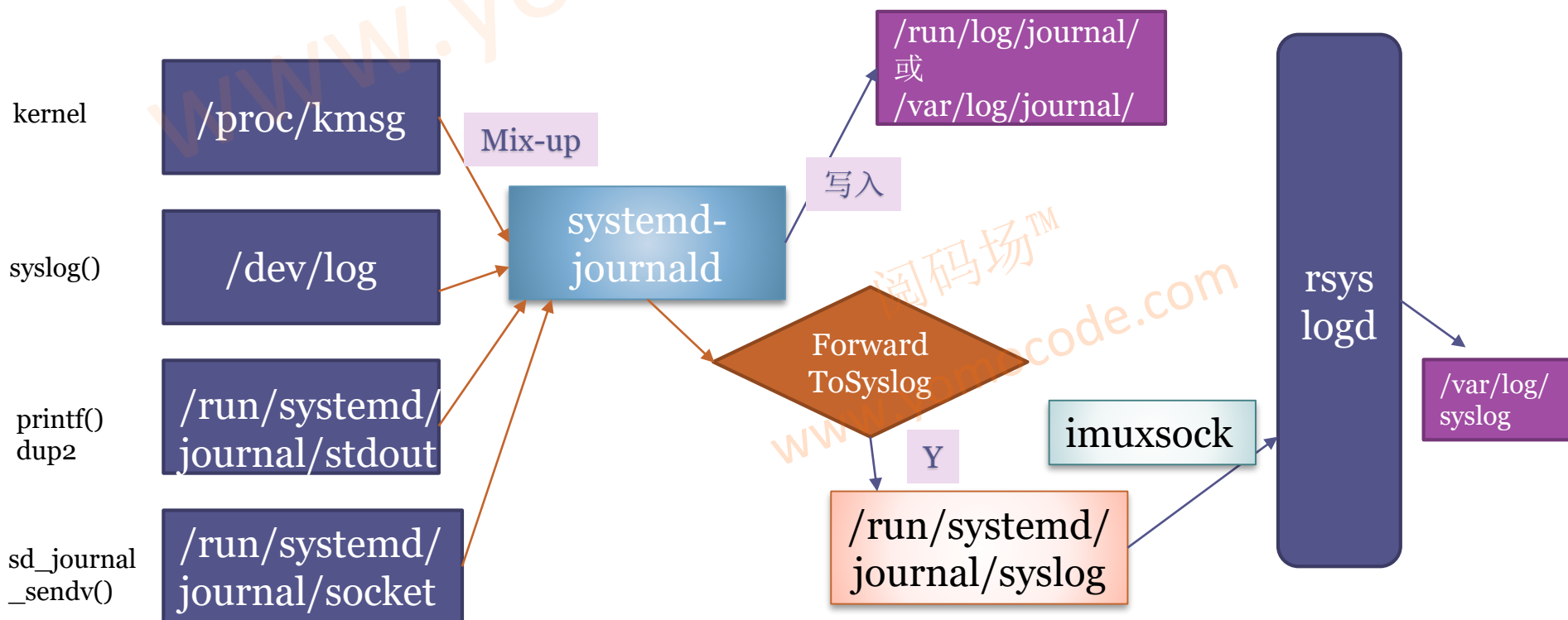- logger命令
- 支持网络日志服务

图片来源：鸟哥

systemd-journald

- /etc/systemd/journald.conf -> Storage=auto

ForwardToSyslog=yes

- ✓ messages are immediately forwarded to a socket (/run/systemd/journal/syslog), where the traditional syslog daemon can read them

- /var/log/journal/

谢 谢！

阅码场出品