



阅码场™

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多进程编程(6)

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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

Home | New | Browse | Search | Search [?] | Reports | My Requests | Preferences | Help | Log

Notice: Due to a recent [data disclosure](#) all current passwords have been reset and will require a new password to be s
Before reporting a bug, please read the [bug writing guidelines](#), please look at the list of [most frequently rep](#)
[Show Advanced Fields](#) (* = Required Field)

1 * **Product:** Sam's Widget **Reporter:** jeegarguru@gmail.com

2 **Component:** Widget Gears **3** Component Description: Gears for Sam's widgets

4 **Version:** unspecified **5** **Severity:** normal

6 **Hardware:** PC **7** **OS:** Windows NT

We've made a guess at your operating system and platform. check them and

8 * **Summary:**

9 **Description:**

10 **Attachment:**

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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

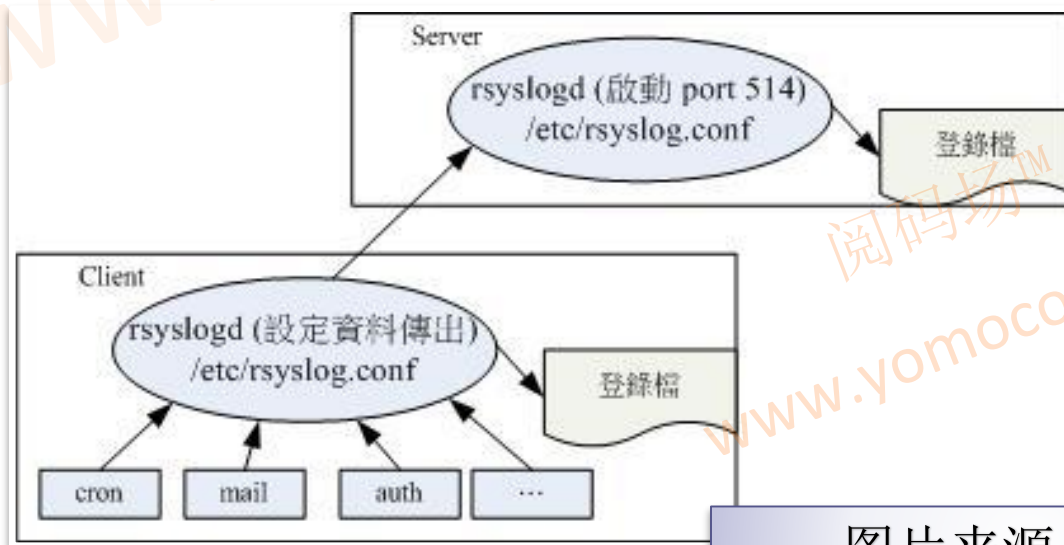
- WAYLAND_DEBUG
- dbus-monitor

日志

- Direct write
- rsyslogd
- systemd-journald

rsyslogd

- Facility: auth, authpriv, cron, daemon, kern, lpr, mail, mark, news, security, user, uucp, syslog, local0-local7
- priority: 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

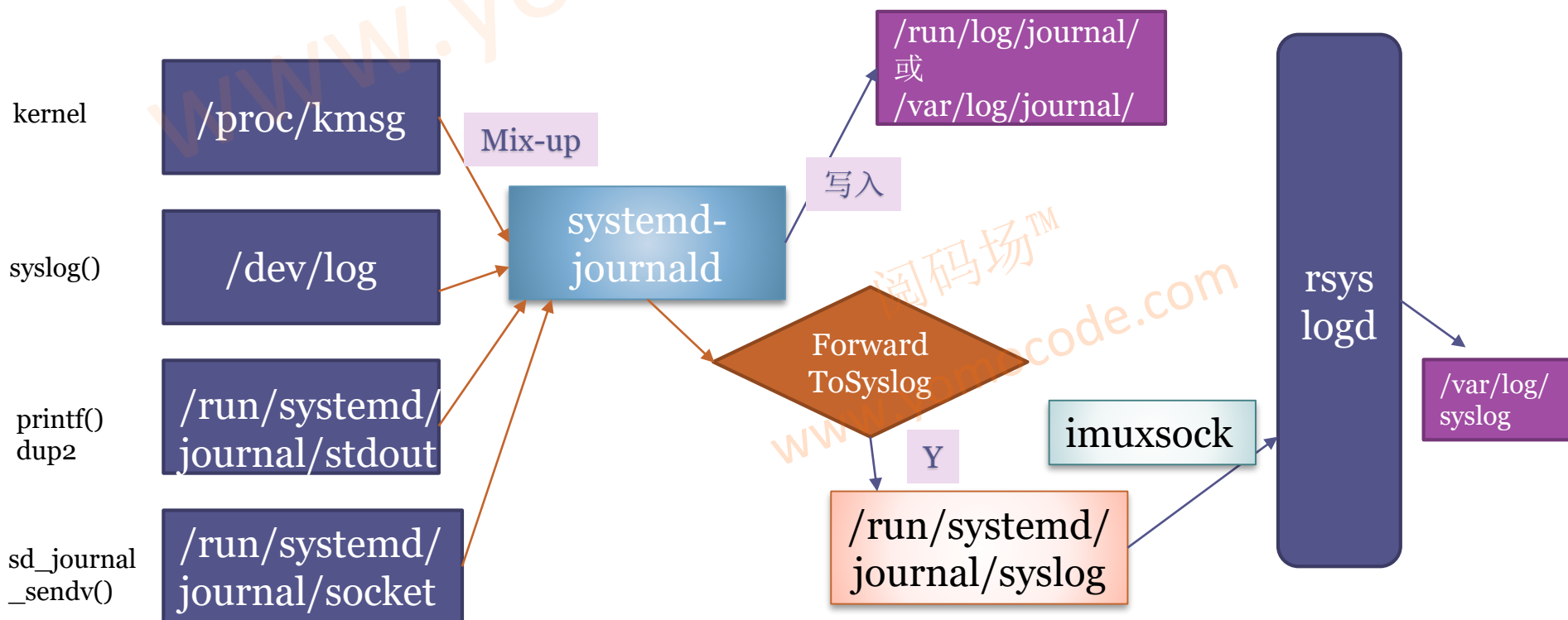
systemd-journald

- `/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!

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