## Conversation with #archlinux-cn at Sun 11 Jan 2015 03:06:03 PM JST on farseerfc@irc.freenode.net (irc)

(03:06:03 PM) The topic for #archlinux-cn is: 欢迎来到Archlinux中文社区|

官网: http://www.archlinux.org |阅读和查询 Archwiki:

https://wiki.archlinux.org/index.php/Main Page | 中文bbs:

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https://www.archlinuxcn.org/archlinux-cn-repo-and-mirror/ | 消息超过3

行请使用: <a href="https://cfp.vim-cn.com">https://cfp.vim-cn.com</a>, <a href="https://cfp.vim-c

(03:06:03 PM) Topic for #archlinux-cn set by

gebjgd!~gebjgd@unaffiliated/gebjgd at 07:02:15 PM on 01/01/2015

(03:08:25 PM) \u: 在拿Rust刷99-problems

(03:09:22 PM) **xmppbot:** [流浪的百合] 刷完回头再跑一遍,发现没几个通统编译通过的 233

(03:11:54 PM) quininer: 233

(03:12:57 PM) ArchStacker left the room (quit: Ping timeout: 244 seconds).

(03:19:49 PM) ykelvis left the room (quit: Ping timeout: 245 seconds).

(03:22:11 PM) ArchStacker [~ArchStack@unaffiliated/archstacker] entered the room.

(03:24:01 PM) yugioh [~Thunderbi@113.108.133.56] entered the room.

(03:27:39 PM) wzhd left the room (quit: Ping timeout: 265 seconds).

(03:28:51 PM) wzhd [~wzhd@120.210.165.12] entered the room.

(03:29:15 PM) farseerfc1 [~farseerfc@fenrir.ics.es.osaka-u.ac.jp] entered the room.

(03:38:34 PM) acgtyrant: lilydjwg, `let a = 1i;` 里的 `i` 代表 `i32` 变量类型吗?

(03:38:56 PM) **quininer:** 听说1.0已经不需要加后缀了

(03:39:19 PM) xmppbot: [流浪的百合] 代表 int, 已弃用

(03:40:20 PM) acgtyrant: 现在代表 isize 吗?

(03:40:50 PM) **acgtyrant:** 还是说连这个 `i` 后缀都要弃用了?

(03:41:22 PM) xmppbot: [流浪的百合] i 后缀弃用了,你要加后缀用 is

(03:41:26 PM) xmppbot: [流浪的百合] 还有 us i32 之类的

(03:42:13 PM) acgtyrant: 换新后缀了啊

(03:42:20 PM) acgtyrant: 嗯嗯

(03:43:47 PM) xmppbot: [流浪的百合] 其实只是把 int 和 uint 重命名了而已

(03:43:51 PM) xmppbot: [流浪的百合] 后缀的变化是副作用

(03:46:19 PM) **xmppbot:** [流浪的百合] 没抓全吧

(03:46:22 PM) xmppbot: [流浪的百合] 或者在歌曲里

(03:48:36 PM) **csslayer:** 如果是 id3 应该在结尾吧......

(03:49:04 PM) **csslayer:** / > \ 除非是 https 之类加密过了......

(03:52:34 PM) **acgtyrant:** biergaizi, `\*( (int \*)1 ) = 2` 这个 C 语句会修改「物理内存」第二个位置,还是只是修改「由内核分配出的虚拟内存」第二个位置?

(03:53:53 PM) xmppbot: [流浪的百合] 歌曲里的歌词是可以压缩的

(03:54:08 PM) **farseerfc:** acgtyrant: 看你在寫內核模式的程序還是用戶模式的程序呀

(03:55:20 PM) **acgtyrant:** farseerfc, 我只知道C程序可以用系统调用,没听说过它本身还会有内核/用户模式之分。

(03:55:39 PM) xmppbot: [流浪的百合] 你写个 .ko 出来插到内核里去

(03:55:46 PM) xmppbot: [流浪的百合] 就像360那样子

(03:56:43 PM) **farseerfc:** acgtyrant: 不是C程序有區分,是內核/CPU會給你區分……內核是跑在關掉虛擬內存的模式下的,地址直接是物理地址,應用程序是跑在虛擬地址空間的

(03:57:08 PM) **acgtyrant:** 噢……明白了,既然变成内核模块,都和内核是一家人了,这「内核模式的程序」就可以直接修改物理内存了。

(03:57:08 PM) acgtyrant: 嗯

(03:57:36 PM) csslayer: acgtyrant: nope

(03:57:38 PM) bnw [~bnw@183.17.183.149] entered the room.

(03:57:55 PM) ArchStacker left the room (quit: Ping timeout: 264 seconds).

(03:58:56 PM) **csslayer:** farseerfc: ring 0 和 ring 3 在现代操作系统的 x86 启动后都是保护模式/64位模式,访问的地址也不是物理绝对地址

(04:00:35 PM) xmppbot: [流浪的百合] 话说ring 1 和 ring 2 有系统用到不

(04:01:01 PM) **acgtyrant:** @依云 按你那么说,内核模块真是一个隐患啊。

Linux 上只需输入一个 root 密码,就可以把不怀好意的内核模块装进去。

(04:01:14 PM) acgtyrant: csslayer, 我第一次听说 ring

(04:02:03 PM) **xmppbot:** [流浪的百合] acgtyrant: 不不,安装360之后就会有莫名其妙的内框模块进去了

(04:02:22 PM) **LQYMGT:** ...

(04:02:25 PM) **xmppbot:** [流浪的百合] 360 是 setuid 程序,任何人运行都有 root 权限的

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(04:03:34 PM) csslayer: acgtyrant: 内核态和用户态是 ring 3 和 ring 0 的区别,与寻址方式没有直接关系
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(04:03:41 PM) farseerfc: 流浪的百合: OS/2 似乎用到了ring 1

(04:04:49 PM) **farseerfc:** 啊似乎是ring 2,似乎因爲這個虛擬機跑OS/2比較困難

(04:06:38 PM) xmppbot: [流浪的百合] 哦

(04:06:44 PM) xmppbot: [流浪的百合] 我还从来没见过活的 OS/2 呢

(04:07:25 PM) Leo\_C [~LeoC@218.75.123.165] entered the room.

(04:07:27 PM) **csslayer:** acgtyrant: 但是 x86 下系统最终肯定是运行在使用虚拟内存的模式下,但是因为 null (0) 本身有特别的含义,所以为了能让这个错误体现出来,一般不会对那个 page map 内存

(04:07:37 PM) Leo C left the room (quit: Client Quit).

(04:08:34 PM) acgtyrant: csslayer, 我不太懂你的话,先记下来了。

(04:10:01 PM) **csslayer:** c 那个怎么写访问都是按当前寻址方式的 0x2 的位置,寻址方式取决于当前 cpu 运行的状态,在你日常使用中最终都是虚拟内存寻址

(04:11:28 PM) \*\*\*farseerfc ubuntu 包都好老……要跑起來swapview好累啊……

(04:11:31 PM) **xmppbot:** [流浪的百合] 如果弄成 .ko 插进去跑会不会崩溃掉呢 (04:11:34 PM) **csslayer:** 0x2 位置在 0x0 的 page 范围内,因为大家约定访问 0x0 是错误,所以默认不会在那个虚拟地址位置映射内存。所以那个位置就没有对应的内存,用户也好,内核也好都没有在那个位置有映射的内存

(04:11:44 PM) **xmppbot:** [流浪的百合] farseerfc: 哪个版本的 U 啊 (04:12:25 PM) **farseerfc: 12.04** LTS

(04:12:53 PM) wxg4irc: 话说 awesome 最新版本 似乎支持发送dbus信号了哦

(04:13:33 PM) \*\*\*farseerfc 繼續用Awesome34

(04:13:54 PM) xmppbot: [流浪的百合] 哇终于支持了么

(04:14:09 PM) xmppbot: [流浪的百合] 我瞅了一眼 short log 没发现呢

(04:14:22 PM) wxg4irc: 因为增加了notify action必然要支持dbus发送哦

(04:14:36 PM) \*\*\*quininer 不了解什么概念

(04:14:55 PM) bnw left the room (quit: Quit: 离开).

(04:15:19 PM) wxg4irc: 这个不是么 http://t.cn/RZ6DLPC

(04:15:21 PM) xmppbot: [Lisa] wxg4irc: 全文件类型: image/jpeg, 文件大小:

167.2KiB, 图像尺寸: 791x560 (重定向到

http://ww1.sinaimg.cn/large/82661d9ejw1eo5lp8qh9xj20lz0fk42v.jpg)

(04:16:20 PM) xmppbot: [流浪的百合] 你竟然看的源码......

(04:16:27 PM) **csslayer:** felixonmars: / \_> \ 快给贵发行版打包 lib32-sni-qt

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吧
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- (04:16:34 PM) xmppbot: [流浪的百合] 终于支持了,可惜我也懒得用了
- (04:17:17 PM) wxq4irc: 呵 总归是好事..虽然我也不用了
- (04:17:42 PM) farseerfc: aur/lib32-sni-qt 0.2.6-2 (0)
- (04:19:33 PM) acqtvrant: csslaver, 你会内核开发吗?
- (04:20:28 PM) csslayer: acgtyrant: 不会
- (04:20:44 PM) acgtyrant: 会 C 系统编程吗?
- (04:21:25 PM) xmppbot: [流浪的百合] ;acgtyrant: 他是 fcitx 的开发者你说呢
- (04:21:46 PM) quininer: csslayer: 大牛在上受我一拜!
- (04:21:46 PM) acgtyrant: Fcitx 好像是用 C++ 写的吧
- (04:21:57 PM) **csslayer:** farseerfc: /\_> \ 依赖 lib32-qt4-ubuntu,贵发行版
- qt4 都已经是 qt-ubuntu 了, felixonmars
- (04:22:06 PM) xmppbot: [流浪的百合] ......
- (04:22:19 PM) wxg4irc left the room (quit: Ping timeout: 245 seconds).
- (04:22:25 PM) **xmppbot:** [流浪的百合] https://github.com/fcitx/fcitx 自己看上边的条条 @acqtyrant
- (04:22:26 PM) **xmppbot:** [Lisa] 流浪的百合: இGithub 项目描述: A Flexible Input Method Framework (C) ♥ 240 76,最后更新: 2015-01-

04T07:57:55Z<sub>o</sub>

- (04:22:28 PM) MeowBot: [fcitx/fcitx · GitHub] github.com
- (04:22:30 PM) xmppbot: [流浪的百合] 那么黑
- (04:22:43 PM) **csslaver:** felixonmars: / > 、快跟进, skype 的托盘就等着

你拯救了,编译中要使用一下 lib32-qtcurve-qt4 的 hack

- (04:22:50 PM) **acgtyrant:** 见笑了
- (04:23:11 PM) **LQYMGT:** skype的托盘怎么了?
- (04:23:16 PM) xmppbot: [流浪的百合] 不过它是用 cmake 的
- (04:23:39 PM) **xmppbot:** [流浪的百合] 而且如果你编译时偶尔看看输出的话那

时候它在编译 C++ 的概率也比较高的

- (04:23:40 PM) **farseerfc:** LQYMGT: kde5不顯示傳統的托盤圖標了所以需要 sni-qt轉換
- (04:23:50 PM) LQYMGT: farseerfc: 哦......
- (04:25:11 PM) **csslayer:** felixonmars: /\_> \ 懒得搞可以来抄我在 chakra 写的
- (04:26:08 PM) quininer: .tell farseerfc 快来拯救skype的托盘!
- (04:26:08 PM) MeowBot: quininer: I'll pass that on when farseerfc is around.
- (04:26:20 PM) **quininer:** 错了..
- (04:26:30 PM) **quininer:** .tell felixonmars 快来拯救skype的托盘!

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around.
(04:26:54 PM) acqtvrant: csslaver, Fcitx 项目上你想接收什么样的 Pull
Request?
(04:26:57 PM) lilydiwg: .tell felixonmars Pia!<(= o `-')ノ☆
(04:26:58 PM) MeowBot: lilydjwg: I'll pass that on when felixonmars is
around.
(04:27:10 PM) acgtyrant: 我会点 C, 不知能不能贡献......
(04:28:49 PM) csslayer: acgtyrant: / > \ 你的提问有什么意义吗......
(04:29:33 PM) acgtyrant: 现在没意义了
(04:30:05 PM) csslayer: https://fcitx-im.org/wiki/Become a developer
(04:30:07 PM) xmppbot: [Lisa] csslayer: 全网页标题: Become a developer -
Fcitx
(04:36:20 PM) xyh
[~xieyuheng@2001:250:3002:5550:6ea1:cc0f:bcb2:b187] entered the
room.
(04:36:30 PM) xyh: 大家下午好 ^-^
(04:36:51 PM) farseerfc: .sm xyh
(04:36:52 PM) MeowBot: farseerfc: 发型很帅!
(04:40:19 PM) xyh: 推薦一本書::
http://www.cis.upenn.edu/~bcpierce/sf/current/deps.html
(04:40:21 PM) MeowBot: [Chapter Dependencies] - www.cis.upenn.edu
(04:40:22 PM) xmppbot: [Lisa] xyh: 全网页标题: Chapter Dependencies
(04:40:33 PM) xyh: farseerfc: 你熟悉 cog 嗎?
(04:42:06 PM) farseerfc: https://img.vim-
cn.com/ad/e4c11d667d43329650d70485b748b00c4697cd.png google地
圖這來湊什麼熱鬧.....
(04:42:08 PM) xmppbot: [Lisa] farseerfc: 全文件类型: image/png, 文件大小:
273.6KiB, 图像尺寸: 1184x534
(04:42:12 PM) farseerfc: xyh: 完全不懂......
(04:43:16 PM) quininer: !google coq
(04:43:47 PM) ***quininer 又串频道了
(04:55:07 PM) acgtyrant: csslayer, 嗯,刚才问得太低级了,我应该直接找这
个文档看。
(04:57:39 PM) csslayer: acgtyrant: 问题不是低级,是pointless / > \
(04:59:18 PM) acgtyrant: 噢,那我不看文档了,的确毫无意义
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(05:11:24 PM) acqtyrant: http://rust.cc/t/box-new-shi-zen-yao-zuo-dao-zhi-fu-

(04:26:30 PM) MeowBot: quininer: I'll pass that on when felixonmars is

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zhi-ge-zhi-zhen-de/144
(05:11:26 PM) MeowBot: [Box::new() 是怎么做到只复制一个指针的? - Rust
中文社区(rust.cc) 1 - rust.cc
(05:11:27 PM) acgtyrant: cc lilydjwg
(05:11:32 PM) xmppbot: [Lisa] acgtyrant: 全网页标题: Box::new() 是怎么做到
只复制一个指针的? - Rust中文社区(rust.cc)
(05:12:25 PM) felixonmars: 没 vote...
(05:12:25 PM) MeowBot: felixonmars: 2015-01-11 - 07:26:30 <quininer> tell
felixonmars 快来拯救skype的托盘!
(05:12:26 PM) MeowBot: felixonmars: 2015-01-11 - 07:26:58 < lilydjwg> tell
felixonmars Pia!<(= o `-')ノ☆
(05:12:30 PM) felixonmars: 拯救不能
(05:12:42 PM) quininer: .pia felixonmars
(05:12:43 PM) MeowBot: quininer: Pia!<(= o `-')ノ☆felixonmars
(05:12:47 PM) felixonmars: 喂喂
(05:12:48 PM) felixonmars: Pia!<(= o `-')ノ☆
(05:13:08 PM) xmppbot: [流浪的百合] 什么时候只复制一个指针啊
(05:15:19 PM) acqtyrant: @依云 我也想知道呢
(05:15:45 PM) felixonmars: .sm LQYMGT
(05:15:46 PM) MeowBot: felixonmars: 刘全羊
(05:16:17 PM) LQYMGT: 躺枪
(05:17:37 PM) ArchStacker [~ArchStack@unaffiliated/archstacker]
```

## entered the room.

(05:18:26 PM) acgtyrant: 这 Pointer 文章真是看得云里雾里的

(05:18:40 PM) ArchStacker: felixonmars, MC服务器提交申请后一般什么时候 会回复那?

(05:20:44 PM) LQYMGT is now known as qyliu

(05:20:59 PM) **felixonmars:** ArchStacker: 我也不知道呢(

(05:21:02 PM) felixonmars: .sm qyliu

(05:21:06 PM) **MeowBot:** felixonmars: 刘青云蘑菇头

(05:21:09 PM) **qyliu:** felixonmars: 你够了!

(05:21:09 PM) quininer: .sm qyliu

(05:21:10 PM) MeowBot: quininer: 刘青云蘑菇头

(05:21:20 PM) **felixonmars:** 诶, 错频道了...

(05:21:22 PM) quininer: felixonmars: 快把gyliu也指向LQYMGT

(05:21:23 PM) wxg4irc [~wxg@123.169.213.44] entered the room.

(05:21:28 PM) ArchStacker: felixonmars, Archlinux下用哪个客户端比较好

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那?
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- (05:21:37 PM) felixonmars: ArchStacker: 官方的(
- (05:21:54 PM) ArchStacker: felixonmars, 不是正版......
- (05:22:01 PM) felixonmars: (那我不知道了
- (05:22:10 PM) **xmppbot:** [流浪的百合] acgtyrant: 我看了一下,英文教程的意思就是 Box 是 heap 上分配的意思
- (05:22:35 PM) ArchStacker: felixonmars, 这里有Archlinux能用的吗
- http://wiki.nyaa.cat/%E6%8E%A8%E8%8D%90%E8%B5%84%E6%BA%90
- (05:22:38 PM) MeowBot: [推荐资源 [Nyaa Wiki]] wiki.nyaa.cat
- (05:22:42 PM) **xmppbot:** [Lisa] ArchStacker: ♀网页标题: 推荐资源 [Nyaa

## Wiki]

- (05:25:47 PM) **acgtyrant:** @依云 这个和「The idea is that by passing around a box, you're only copying a pointer, rather than the hundred ints that make up the BigStruct.」有什么关系?
- (05:26:19 PM) **acgtyrant:** ArchStacker, Archlinux 拼写是错的,请拼写成 Arch Linux
- (05:26:32 PM) ArchStacker: acgtyrant, 好吧......
- (05:28:15 PM) **qyliu:** ...
- (05:33:26 PM) Stevearzh left the room (quit: Quit: Quit...).
- (05:33:28 PM) **felixonmars:** ArchStacker: 我很久没用过盗版 launcher 了, 所以不清楚呢...
- (05:33:45 PM) **farseerfc:** ArchStacker: 鳳凰打包的那個能用,連喵窩需要正版驗證
- (05:34:21 PM) **quininer:** 随便找个启动器嘛
- (05:34:31 PM) quininer: .g MC linux 启动器
- (05:34:33 PM) MeowBot: quininer: http://www.mcbbs.net/thread-38297-1-

## 1.html

- (05:35:12 PM) archiso [~arch@101.254.26.4] entered the room.
- (05:38:30 PM) ArchStacker: quininer, 机器人竟然知道......
- (05:38:41 PM) Lester\_ left the room (quit: Remote host closed the connection).
- (05:38:45 PM) quininer: ArchStacker: ...
- (05:38:50 PM) ArchStacker: quininer, 为什么那
- (05:38:59 PM) quininer: ArchStacker: ?
- (05:39:16 PM) qyliu left the room (quit: Quit: rcirc on GNU Emacs 24.4.1).
- (05:39:31 PM) ArchStacker: quininer, 这是以前特地存的? 不是现搜的把
- (05:39:47 PM) wxg4irc left the room (quit: Quit: WeeChat 1.1-dev).

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(05:40:00 PM) quininer: ArchStacker: 这是Google
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(05:40:04 PM) archiso: 各位好,我現在正在LiveCD下的irssi,打算安裝Arch

Linux(x86 64)。請問我應該使用哪種文件系統比較好呢?

(btrfs/xfs/jfs/reiserfs)磁盤是東芝的筆記本型硬盤,2008年買的筆記本。 220G的硬盤。

(05:40:11 PM) wxg4irc [~wxg@123.169.213.44] entered the room.

(05:40:22 PM) fixme1 [~fixme@unaffiliated/fixme] entered the room.

(05:40:30 PM) xmppbot: [流浪的百合] ext4

(05:40:32 PM) farseerfc: archiso: 無腦ext4把

(05:40:47 PM) xmppbot: [流浪的百合] 想折腾+重装就用btrfs

(05:41:01 PM) xmppbot: [流浪的百合] 想断电时挂掉就用reiserfs

(05:42:17 PM) archiso: ^就ext4

(05:42:34 PM) archiso: 多謝各位 /part

(05:42:36 PM) archiso left the room.

(05:47:27 PM) ArchStacker left the room (quit: Ping timeout: 264 seconds).

(05:53:48 PM) yugioh left the room (quit: Remote host closed the connection).

(05:57:14 PM) LQYMGT [~qyliu@unaffiliated/lqymgt] entered the room.

(06:00:13 PM) archiso [~arch@101.254.26.4] entered the room.

(06:00:51 PM) Stevearzh [~zzzzzzz@unaffiliated/stevearzh] entered the room.

(06:05:14 PM) wxg4irc left the room (quit: Ping timeout: 245 seconds).

(06:05:26 PM) gebjgd [~gebjgd@unaffiliated/gebjgd] entered the room.

(06:05:26 PM) mode (+o gebjgd) by ChanServ

(06:05:43 PM) siton left the room (quit: Ping timeout: 244 seconds).

(06:06:56 PM) siton [~siton@118.186.129.207] entered the room.

(06:10:53 PM) **xmppbot:** [流浪的百合] Is --color=auto 4.58s user 1.04s system 51% cpu 10.843 total

(06:10:53 PM) xmppbot: 2333

(06:12:07 PM) Stevearzh left the room (quit: Quit: Quit...).

(06:12:26 PM) wxq4irc [~wxq@123.169.213.44] entered the room.

(06:12:41 PM) Stevearzh [~zzzzzzz@unaffiliated/stevearzh] entered the room.

(06:14:02 PM) farseerfc: 233

(06:17:05 PM) **farseerfc:** ubuntu 官方源裏的 ldc根本裝不了嘛,依賴的包 libllvm2.7不存在,d-language-packagers/ppa 裏又只提供 lucid 的包而且有

```
更多未解決依賴關係......
(06:17:44 PM) xmppbot: [流浪的百合] 只有 Ubuntu 可以用么
(06:19:16 PM) farseerfc: 似乎是的...... travis 貌似有默認的 D 語言支持,我
試試那個
(06:19:19 PM) quininer: farseerfc: 所以说为什么要用ubuntu啊!
(06:19:41 PM) xyh left the room (quit: Remote host closed the connection).
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- (06:21:01 PM) farseerfc: quininer: 因爲travis用它......
- (06:21:23 PM) quininer: .g travis
- (06:21:24 PM) **MeowBot:** quininer: http://travisonline.com/
- (06:22:55 PM) farseerfc: .g travis-ci
- (06:22:57 PM) MeowBot: farseerfc: https://travis-ci.org/
- (06:23:57 PM) quininer: 虽然看不懂,但是觉好厉害
- (06:24:25 PM) **xmppbot:** [流浪的百合] farseerfc: 你直接在那上边编译个 dmd 叨
- (06:24:31 PM) xmppbot: [流浪的百合] ldc
- (06:24:50 PM) xmppbot: [流浪的百合] ldc 和 ldmd 和 ldmd2
- (06:24:53 PM) xmppbot: [流浪的百合] 是什么关系啊
- (06:25:23 PM) quininer: Idc是llvm实现的编译器后端,后面只是调用的命令吧
- (06:26:50 PM) quininer: 其实qdc性能也差不多,只是编译出来的东西很大
- (06:29:54 PM) farseerfc: dmd 或者 ldmd 有辦法顯示自己的版本麼
- (06:31:07 PM) **quininer:** 没找到选项。。
- (06:31:14 PM) xmppbot: [流浪的百合] dmd --help|head -1
- (06:32:20 PM) \*\*\*farseerfc 去試試
- (06:33:17 PM) LQYMGT left the room (quit: Quit: rcirc on GNU Emacs 24.4.1).
- (06:39:33 PM) Lester\_ [~lester@astound-64-85-229-56.ca.astound.net] entered the room.
- (06:43:59 PM) gebigd left the room (quit: Quit: Verlassend).
- (06:44:13 PM) Lester\_ left the room (quit: Ping timeout: 255 seconds).
- (06:44:23 PM) Rajsun left the room (quit: Remote host closed the connection).
- (06:45:03 PM) fixme1 left the room (quit: Ping timeout: 264 seconds).
- (06:53:23 PM) acgtyrant left the room (quit: Ping timeout: 240 seconds).
- (06:53:46 PM) SteamedFish left the room (quit: Quit: My MacBook Pro has gone to sleep. ZZZzzz...).
- (06:57:46 PM) LQYMGT [~qyliu@unaffiliated/lqymgf] entered the room.

- (06:58:15 PM) gebjgd [~gebjgd@unaffiliated/gebjgd] entered the room.
- (06:58:15 PM) mode (+o gebjgd) by ChanServ
- (07:07:01 PM) if\_else\_ left the room (quit: Remote host closed the connection).
- (07:09:53 PM) ikirk [~tyjk8975@115.234.101.90] entered the room.
- (07:11:13 PM) Petrus07 left the room (quit: Ping timeout: 264 seconds). (07:16:25 PM) ikirk left the room (quit: Quit: 离开).
- (07:21:44 PM) Petrus07 [~silence@180.159.236.235] entered the room.
- (07:25:10 PM) archiso left the room (quit: Quit: 1st stage finish).
- (07:29:21 PM) biergaizi left the room (quit: Quit: Konversation terminated!).
- (07:37:10 PM) acgtyrant [~acgtyrant@39.186.245.160] entered the room.
- (07:38:08 PM) erhandsome [~erhandsom@unaffiliated/erhandsome] entered the room.
- (07:46:57 PM) wxg4irc left the room (quit: Ping timeout: 245 seconds). (07:48:12 PM) The account has disconnected and you are no longer in this chat. You will automatically rejoin the chat when the account reconnects.