

Screen & Irssi

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Screen – Virtual Window Manager



如果有一天...



我想同時處理很多事...



沒有Screen...



可能會是這個樣子...

```

Linux : linux1 ~ linux2 (140.113.235.151 ~ 140.113.235.153)

2. Frequently Asked Questions <http://www.cs.nctu.edu.tw/help/>

3. For rights of other users, please don't occupy /tmp as yours,
please use (re)nice to lower the priority of high-loading processes,
and please use ipcrm to clear shared memory after using it.

= Disk Usage =
Mail: ██████████ 0% 224/100000 KB
Home: ██████████ 8% 32/400 MB

= Process =
PID TT STAT TIME COMMAND
70835 p3 Is 0:00.05 tcsh
74787 p3 I+ 0:00.05 ssh csduty
48818 ph Is 0:00.10 /bin/tcsh -l
80321 ph I+ 0:00.70 mutt
87836 pj Is+ 0:00.09 /bin/tcsh -l
9691 pk I+ 0:00.12 ssh csduty
96897 pk Is 0:00.17 /bin/tcsh -l
68143 pl Is+ 0:00.14 tcsh
77529 pm Is+ 0:00.11 tcsh
31678 po Is+ 0:00.14 tcsh
5395 pr Ss+ 0:00.05 /bin/sh /bin/csShell
70225 pr R+ 0:00.00 /bin/ps
21692 pt Ss+ 0:00.09 /bin/tcsh -l

= Information =
Current Time: Mon Feb 25 21:05:03 CST 2008
Online Users: 16 users

CS Computer Center <help@cs.nctu.edu.tw>
[9:05pm yzlin@bsd2 ~]%

= Process =
PID TT STA
70835 p3 Is
74787 p3 I+
48818 ph Is
80321 ph I+
25416 pj R+
87836 pj Ss+
9691 pk I+
96897 pk Is
68143 pl Is+ 0:00.14 tcsh
77529 pm Is+ 0:00.11 tcsh
31678 po Is+ 0:00.14 tcsh

= Information =
Current Time: Mon Feb 25 21:04:19 C
Online Users: 15 users

[No Name] CWD: /amd/account/gcs/96/9655630 Line: 0/1
[9:04pm yzlin@bsd2 ~]%

```



你可以過得更好！



用了Screen

```
bsd2.cs.nctu.edu.tw
[9:41pm yzlin@bsd2 ~]% ls
Mail/ News/ PUTTY.RND WINDOWS/ dev/ install.sh pkgdb.tar.gz public_html/ tmp/
[9:41pm yzlin@bsd2 ~]% vim
[9:41pm yzlin@bsd2 ~]% []

[0] tcsh 1 tcsh 2 tcsh 3 tcsh
bsd2 21:42 25/02/2008 Load: 0.00 0.00 0.00
```

Screen - 基本指令

- All the command for screen start with an “**Ctrl-A**”.
- Create Window: **Ctrl-A + c**
- Delete Window: **Ctrl-A + k**
- Window List: **Ctrl-A + “**
- Window Title: **Ctrl-A + A**
- Change Window:
 - To Window N: **Ctrl-A + <number>**
 - To Prev. Window: **Ctrl-A + p**
 - To Next Window: **Ctrl-A + n**
 - Window Recall: **Ctrl-A + a**
- Lock Window: **Ctrl-A + Ctrl-X**

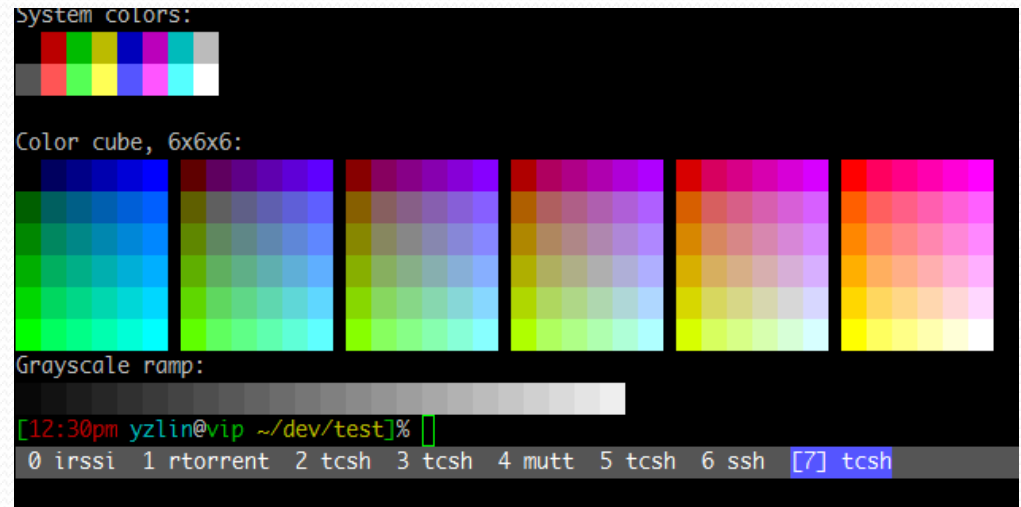
助教！指令那麼難按，
按到手快斷了！

助教！為什麼我的Screen沒有你的漂亮？

\$HOME/.screenrc

- Customize Your-Own Screen:

- Caption
- Hardstatus
- 快速切換 window
 - bindkey \033[D prev
 - bindkey \033[C next
- 256-Color
- 編碼切換
 - bind b encoding big5 utf8
 - bind u encoding utf8 utf8



Why Use Screen?

- 掛站！
 - IRC by irssi
 - BBS
- 保留工作狀態
 - Detach: **Ctrl-A + d**
 - Reattach: **screen -r**
- 列出工作狀態列表: **screen -ls**



Irssi – make you easy to use IRC

IRC ! ? 可以吃嗎 ?


```
13:41 @ Jedi_ | ychsiao: work wih mIRC <= 6.2 @@"
13:42 @ Jedi_ | 所以 6.21 就掰了 KD
13:42 @ ychsiao | Jedi_: 我剛剛裝最新版6.3.1耶...一樣可以啊
13:42 @ Jedi_ | 6.3.1!
13:42 @ Jedi_ | 這麼嗨
13:52 @thinkeryz | 請問一下，如何在 ports 裡面，自動清除 egginfo ?
13:54 @thinkeryz | 我看了一下 bsd.python.mk 裡面，好像會自動加進 PLIST_FILES，但實際上卻沒有..
14:05 @thinkeryz | 找到問題了.. 是 porttools 的問題...
14:05 @ cclien | "
14:05 @ cclien | 分紅費用化72%科技人想轉行"
14:05 @ Jedi_ | 轉行！
14:05 | cclien | 還沒入行大家都要轉行了哭哭
14:05 @ Jedi_ | 拿到錢就要閃了這樣？
14:06 @ Jedi_ | # 之前都被配股綁死死？
14:06 @thinkeryz | 72?? 有這麼多科技人都有分紅嗎？
14:06 @ cclien | 看來真的要去開機車行了
14:06 @thinkeryz | 哪一家的新聞？104？
14:07 @thinkeryz | 或是，沒領到分紅的不算科技人？
14:08 @ sunpoet | jeffhung: 0 0 0n www/apache22 # < jeffhung> 0 i0 00 n0 0 0 0 port 0 T0 w0 0 www/apache22 0 00 0 0 www/apache200 H
14:08 mode/#bsdchat ; +o jeffhung by sunpoet
14:09 @ chinsan | jeffhung: use pkgconf?
14:12 @ rafan | portconf...
14:13 @ jeffhung | chinsan: portconf 設定檔很難寫 comment :-C 然後我已經有一套我常用軟體的 pkgtools.conf (for portupgrade) 了。
14:14 @ jeffhung | sunpoet: your chinese look like a mess. my problem or your? @@@
14:15 | f0rth_ | 都用make.conf
14:15 @ chinsan_ | make love
14:15 @mhsin_bsd | portconf 0 0 0 NO 0 # 0 }0 Y0 H
14:17 @ chinsan_ | databases/mysql51-server: WITH_CHARSET=utf8 | WITH_XCHARSET=complex | WITH_COLLATION=utf8_general_ci | BUILD_STATIC=1 |
14:19 @ rafan | =1 可以不用寫喔 :P
14:20 @ jeffhung | chinsan: http://rafb.net/p/DZWgLD61.html # 非專業設定。
14:20 @ jeffhung | 我比較喜歡，可以寫這樣多註解的設定格式>
14:20 @ rafan | jeffhung: patch portmaster 吧
14:20 @ rafan | oops, portconf
14:21 @ llwang | 看來好像還是需要有人跑個 script 偵測是不是有人講了非 utf-8 話，不然大家用 irssi 自動轉碼都不知道到底講的話對不對
14:35 @ cclien | 就靠sd_bot了
14:37 @ llwang | sd_bot 自己不是講 big5 的嗎
14:39 @ cclien | 所以可以跟 sd_bot 講話就是設錯了
14:39 @ cclien | 哈哈哈
14:39 @ Jedi_ | ...
14:40 @ llwang | ...
14:59 @ chinsan | llwang_bsd
15:00 @ llwang | xd
15:00 @ llwang | 要找他嗎
15:02 thinkeryz | n=thinker@122-120-98-251.dynamic.hinet.net has left #bsdchat ;
```

```
[15:12] [yzlin(+ei)] [2:#bsdchat(+nst)]
```

```
[#bsdchat] []
```

Irssi – 基本指令

- 加入 IRC Server: `/connect irc.freenode.net`
- 設定 Nickname: `/nick yzlin`
- 加入 Channel: `/join #nctuNASA ILoveCSCC`
- 離開 Channel: `/wc`
- 離開 irssi: `/quit`
- 私人頻道: `/msg <nick> blablabla`
- 註冊 Nickname:
 - `/msg NickServ REGISTER <password>`
 - `/msg NickServ IDENTIFY <password>`
- 轉換 Channel: `Alt+<NUM>`, `Alt+<LEFT>`, `Alt+<RIGHT>`

Irssi – Status Bar

```
[12:58] [@yzlin(+ei)] [10:#nctucsna(+cknt ILoveCSCC)] [Act: 2,3,5,6,7,11]  
[#nctucsna] |
```

Irssi – 讓 irssi 更好用

- Step 1. 設定 IRC Network
 - **/NETWORK ADD freenode**
- Step 2. 設定 IRC Server
 - **/SERVER ADD -auto -network freenode irc.freenode.net**
- Step 4. 設定 Channel
 - **/CHANNEL ADD -auto #nctuNASA freenode ILoveCSCC**
- Step 5. 設定 Encoding
 - **/SET term_charset UTF-8**
 - **/SET recode_transliterate ON**
 - **/SET recode_fallback Big5**
 - **/SET recode_out_default_charset UTF-8**

Irssi – 讓 irssi 更好用

- Step 6. 設定 Channel Encoding
 - **/RECODE ADD #nctuNASA UTF-8**
- Step 7. 自動 Logging
 - **/SET autolog_path ~/tmp/logs/irc-\$tag-\$o-%Y%m%d**
- Step 8. 更好的排版 – theme
 - 將抓好的 theme 放到 ~/.irssi/ 內
 - **/SET them <theme_name>**
- Step 9. 儲存設定
 - **/SAVE**



Irssi 也可以千變萬化

```
Chanops, please check your client for kick/ban scripts - and disable them, please.
0407.28 [Confuzion!Confuzion@syr-24-58-74-118.twcny.rr.com] lol
0407.37 [Confuzion!Confuzion@syr-24-58-74-118.twcny.rr.com] i posted some pics then you changed it"!
0407.47 [Confuzion!Confuzion@syr-24-58-74-118.twcny.rr.com] good job bro!
0407.51 [Confuzion!Confuzion@syr-24-58-74-118.twcny.rr.com] i like them
0407.52 [Confuzion!Confuzion@syr-24-58-74-118.twcny.rr.com] =)
1000.42 [msg Confuzion] thanks :)
1001.28 [msg Confuzion] btw. you fucking rocked. you, depth, and shaun (who i didn't even know spun!) kicked ass!
1119.52 [msg Confuzion] btw alon
1121.46 [msg Confuzion] oops. alons birthday is in a few days. the 13th i think. i could be wrong. anyway. i need numbers.
chad roy, and dave

> 2:
1135.26 DaMaR sets +o devz3ro
1138.43 >>> mAthias\!tillio@2001:618:400:5da2::3
1139.04 Sentinel sets +l 77
1140.26 < mAthias\> There is this big chan.. #politics ... they spam every where.... in my chan to ... they come inn with
different names and etc and spammes with colers for the chan.. really bothering me..
1140.27 blitzed sets +b !*tillio@2001:618:400:5da2::*
1140.27 <<< mAthias\ [banned] kicked by DaMaR
1143.34 >>> Exstatica\exstatica@some.place
1145.03 DaMaR sets -bb !*@*.br !*@*.fr
1145.06 blitzed sets +bb !*@*.br !*@*.fr
1148.04 Sentinel sets -b !*@ads1-69-148-237-171.dsl.hstntx.swbell.net
1153.04 ~
1153.11 kam is now lizerd
1154.39 >>> Sonu_lso@202.133.163.144
1154.40 Sentinel sets +b !*@202.133.163.144
1157.20 Irssi: #EFnet: Total of 72 nicks [32 ops, 0 halfops, 2 voices, 38 normal]
1157.52 [Users #EFnet]
1157.52 >>> @andi @gaydar @Smikes alz Exstatica NaBiL
1157.52 >>> @avarrin @GoodFella @Steeve axle FAR00Q Nightfall
1157.52 >>> @Bel @inglish @TommCat beata flash| Puff-
1157.52 >>> @BlacHeart @jasee @vx0 bussy HcC qege
1157.52 >>> @blane @Jurneyman @vx1 Byte ian rillaraza
1157.52 >>> @blitzed @Knoter @wof canicula Insider-X sharky
1157.52 >>> @cannibal @Kooba @xdeth clode kam sirius
1157.52 >>> @DaMaR @Motivez @Z-Wing- CREATiv_ LordWolf Sonu
1157.52 >>> @devz3ro @query +KnoterLAN Dario Maritim Tama
1157.52 >>> @djr @Saralee +lilOne docta Marzia Tibar
1157.52 >>> @dubkat @Sentinel [fuzzy] doctah metalrock till
1157.52 >>> @eesaj @Sleepy alder ethan` moore whoisu
1157.52 Irssi: #EFnet: Total of 72 nicks [32 ops, 0 halfops, 2 voices, 38 normal]
1158.00 ----- ( whois ) -----
1158.00 nick | djr
1158.00 host | lcars@soulfresh.org
1158.00 gecow | revenge is a dish best served cold
1158.00 channels | @#irssi @#triviacow @#sonicempire @#EFnet @#newbies @#anti-nina @#forgiven @#america @#mzima
1158.00 server | irc.arcti.ca [The Frigid Server]
1158.00 idle | 0d 1h 1m 47s [signon: Wed Aug 11 10:54:40 2004]
1158.00 ----- ( whois ) -----
1158.05 >>> NoTopic notopic@no.topic is messaging you, and you have umode +g.
1200.04 Sentinel sets -b !*@202.133.163.144
1203.30 ----- ( whois ) -----
1203.30 nick | Exstatica
1203.30 host | exstatica@some.place
1203.30 gecow | exstatica
1203.30 channels | #us-ops #p800 #The.OC #EFnet #OlsenTwins #IRCHelp #kickban @#chanfix @#mzima
1203.30 server | irc.mzima.net [Welcome to the fjear nation.]
1203.30 operator | IRC Operator
1203.30 idle | 0d 0h 16m 25s [signon: Wed Aug 11 11:43:24 2004]
1203.30 ----- ( whois ) -----
> 1203.59 @dubkat (+gi) 8:EFnet/#EFnet (+Int 77) Lag: 0 [72 i/3 o/32 v/2 n/38]
> Act: 9,13
irc.mzima.net/#EFnet:
@andi
@avarrin
@Bel
@BlacHeart
@blane
@blitzed
@cannibal
@DaMaR
@devz3ro
@djr
@dubkat
@eesaj
@gaydar
@GoodFella
@inglish
@jasee
@Jurneyman
@Knoter
@Kooba
@Motivez
@query
@Saralee
@Sentinel
@Sleepy
@Smikes
@Steeve
@TommCat
@vx0
@vx1
@wof
@xdeth
@Z-Wing-
+KnoterLAN
+lilOne-
[fuzzy]
alder
alz
axle
beata
bussy
Byte
canicula
clode
CREATiv_
Dario
docta
doctah
ethan`
Exstatica
FAR00Q
flash|
HcC
ian
Insider-X
kam
LordWolf
Maritim
Marzia
metalrock
moore
NaBiL
Nightfall
Puff-
```

Welcome to #macintosh | No warez/profanity/personal attacks/hurricanes/general lameness | MBP Battery Problems - http

14:42 chino-: I mean the url..

14:42 chino-: <http://www.arctic.noaa.gov/latest/noaa3.jpg>

14:43 chino-: I made a typo with the original and spelt it artic

14:43 G-wiz-: i'm almost convinced that if i fill out a long form that i should either copy all my entered text and paste into a text editor (just in case) ... cause sometimes the form script explodes or the page tells me that i took too long and have to relogin or something

14:43 edam: I c/p'd it: <http://www.arctic.noaa.gov/latest/> along with that .jpg part, too. I got the 403 last, before that, I got a google page with a "link not found." type of thing.

14:43 Zaren: g-wiz: it was over 20 separate pages

14:44 Zaren: luckily, I had sense enough to save the relevant data

14:44 edam: it's probably because I'm all firewalled and stuff like that. Makes my internet eyes look all threatening or something. Little do they know, I'm just a curious idiot.

14:44 Zaren: because I KNOW I'm going to need it when I do this all over again on the phone

14:45 edam: chino: maybe you can submit it to beingboing so I can see a screencap.

14:45 chino-: edam, hang on

14:45 MacCanada: oohhh someone seems to have tin-hat ideologies *tee hee*

14:46 chino-: <http://roadtrip.chino.com/pics/noaa3.jpg>

14:46 edam: don't knock the tin-hat until you've tried it, man! (ramble incoherantly about frequencies and gobbletygook)

14:46 --> Ambs [~dan@NONE-THIRTYFOUR-FIFTY.MIT.EDU] has joined #macintosh

14:46 --- ChanServ sets modes [#macintosh +o Ambs]

14:46 chino-: clammie

14:46 chino-: :-)

14:47 @Macman: hey clam.

14:47 @Ambs: hey, everyone.

14:47 chino-: edam... did you get it?

14:48 chino-: not much to look at.. buit still.. it's the northpole

14:48 edam: chino: it's takin' forever to load. still connecting. I timed out on firefox..it's that updated one.

14:48 edam: I'm gonna try safari

14:48 MacCanada: hiya ambs

14:48 edam: chino: got it!

-(-[14:48]-- [9:#macintosh(+cnt)]-- [Ketju_(+Ri)]-- [0.04 0.21 0.16])-


-(-[Mail: S:13, CD:13, P:2, I-D:2]-

[DALnet/#macintosh] █

[0* irssi]

Reference

- IRC by IRSSI, with Big5/UTF-8 recode
 - <http://www.jeffhung.net/blog/articles/jeffhung/742/>
- Screen + irssi 鄉民版教學
 - <http://lzy-blah.blogspot.com/2007/08/screen-irssi-irc-q.html>
- Irssi 官方網站
 - <http://www.irssi.org/>
- NA IRC Channel:
 - #nctuNASA
 - Password: **ILoveCSCC**



想知道更多密技？！
快上 #nctuNASA