Bonus

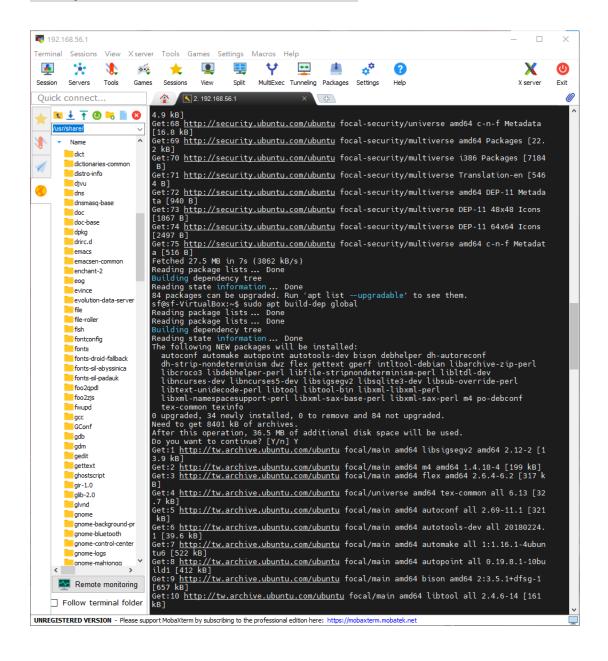
1.安裝 global

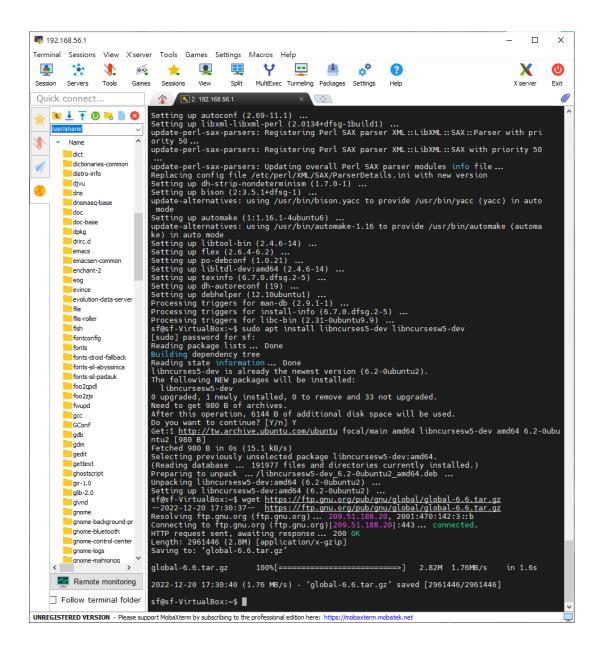
sudo apt-get install global

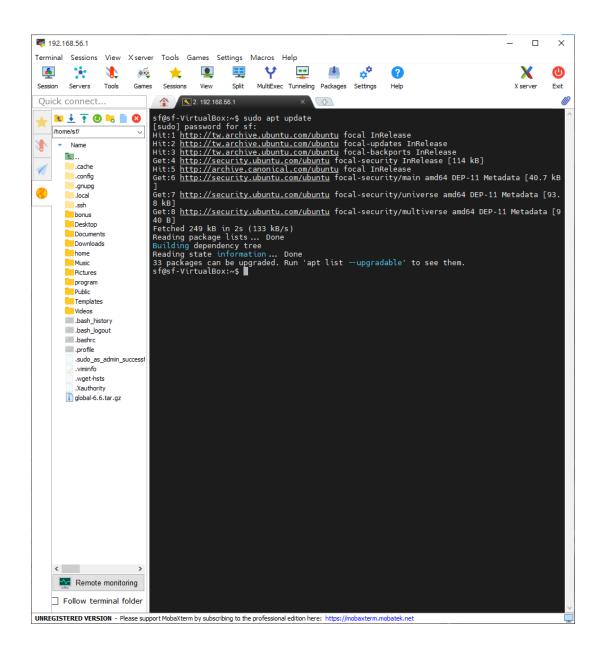
但若覺得本身版本太舊,也可以自己手動編譯安裝

sudo apt build-dep global

sudo apt install libncurses5-dev libncursesw5-dev







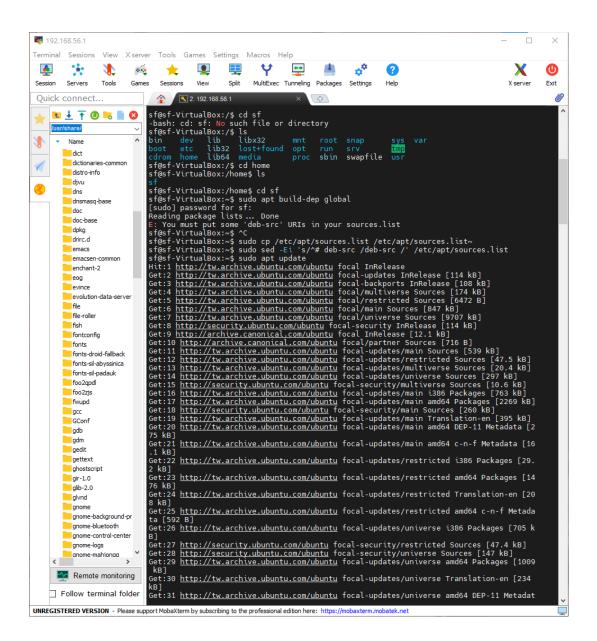
如果遇到這個錯誤

E: You must put some 'deb-src' URIs in your sources.list

通常是因為在/etc/apt/sources.list 裡的 deb-src 沒有被 enable

解決方式:

sudo cp /etc/apt/sources.list /etc/apt/sources.list~
sudo sed -Ei 's/^# deb-src /deb-src /' /etc/apt/sources.list
sudo apt update



2.使用 global

首先要先下 gtags 讓他幫你從所有子目錄提取符號 並幫你在當目錄生成三個文件

GTAGS 定義數據庫
GRTAGS 引用數據庫
GPATH 路徑名數據庫

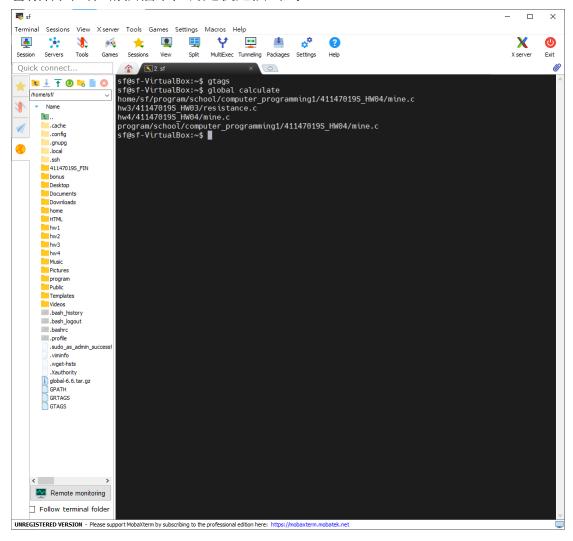
接下來就可以使用各種工具了

(1).尋找定義

global (function)

{function} 填你想查找的函式

會幫你列出在哪個檔案裡有定義這個函式

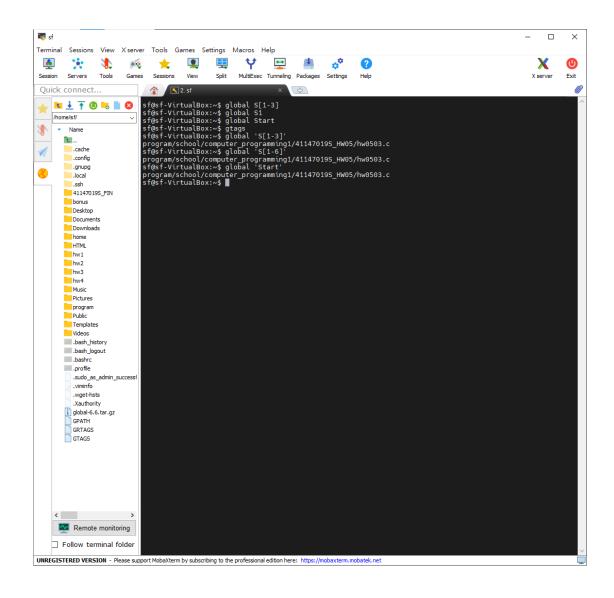


(2).使用正則表達式尋找

global '{function}'

'{function}' 填你想查找的函式

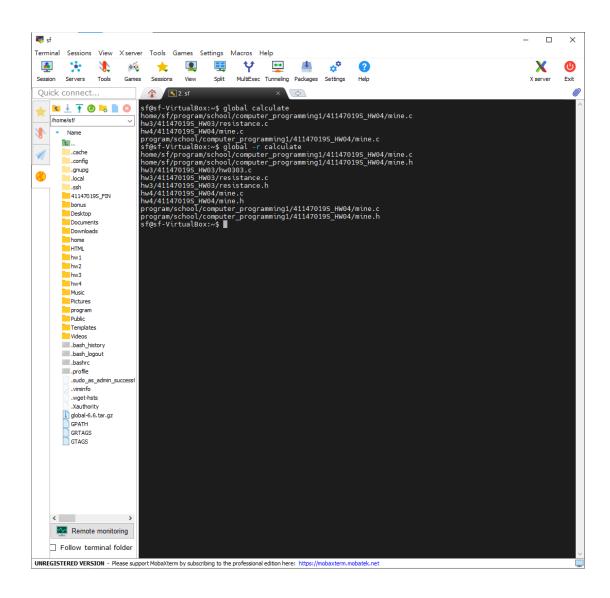
例:若想查找含有函式 S1, S2, S3 的檔案,可用中括號表達 global 'S[1-3]'



(3).(-r)

global -r {function}

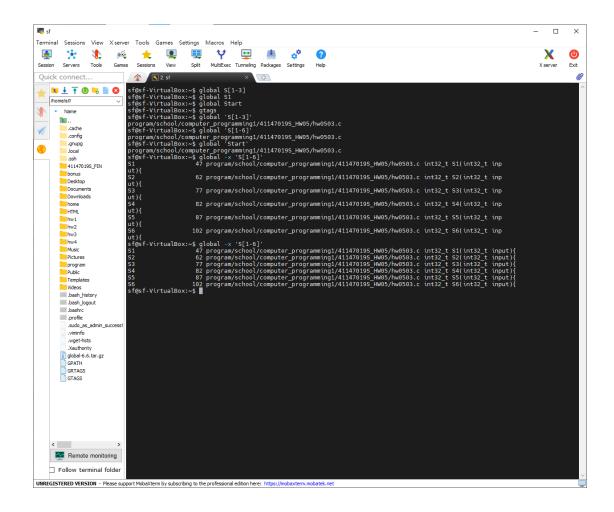
會幫你列出在哪個檔案裡有引用這個函式



(4). (-x)

global -x {function}

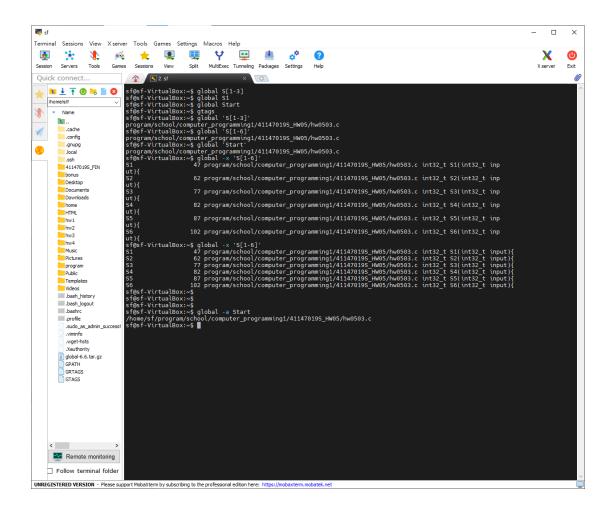
會顯示詳細資訊



(5). (-a)

global -a {function}

會顯示絕對路徑

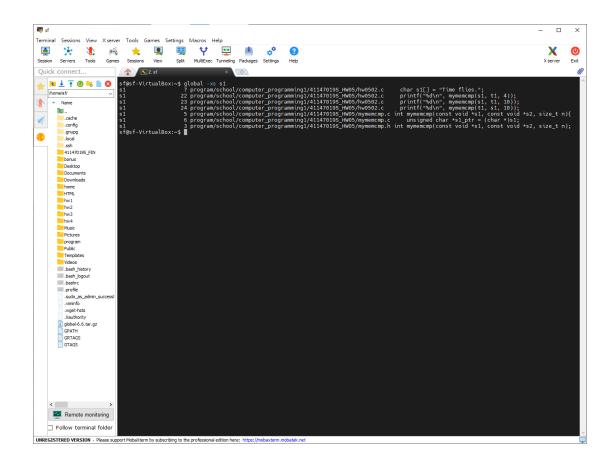


(6). (-s)

global -s {symbol}

尋找沒有在 GTAGS 被定義的符號

想看詳細資訊就加 (-xs)

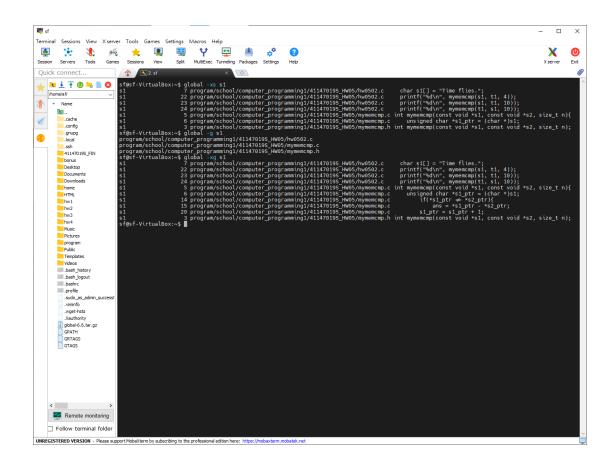


(7). (-g)

global -g {symbol}

定位具有指定模式的行

想看詳細資訊就加 (-xg)

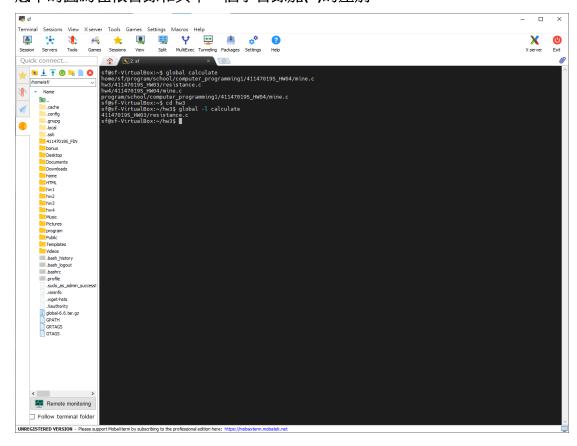


(8). (-I)

global -I {function}

只在該目錄下尋找函式

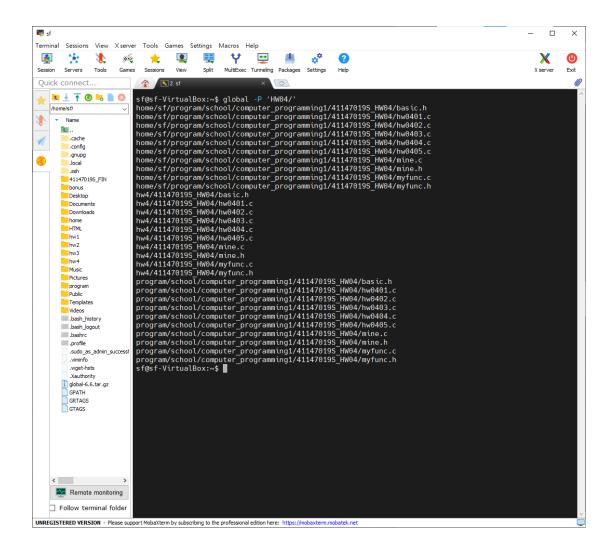
底下的圖為在根目錄和其中一個子目錄加(-1)的差別



(9). (-P)

global -P {file}

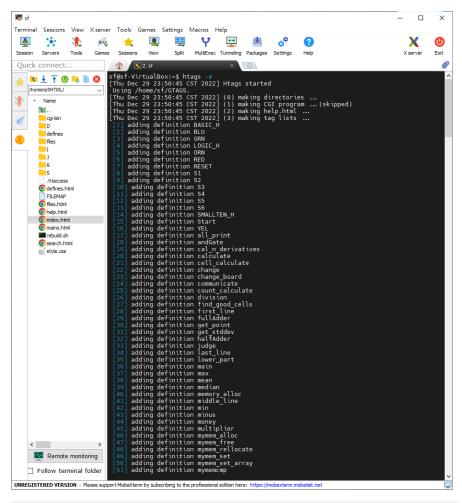
定位包含指定模式的路徑名



3.轉成網頁

下 htags -v 使產生 HTML 檔案

到 HTML 檔案裡打開 index.html 便能看到網頁



```
    Firefox Web Browser ▼

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        E ☆
                                                                                              ⊘ ≡
                          file:///home/sf/HTML/S/68.html
          z. print
          3. all_print
        #include <stdio.h>
       #include <stdint.h>
#define RED "\x1B[0;31m"
        #define ORN "\x1B[38;5;208m" //2
        #define <u>GRN</u> "\x1B[0;32m"
        #define <u>YEL</u> "\x1B[0;33m"
                                           //4
        #define <u>BLU</u> "\x1B[0;34m"
                                           //5
        #define <u>RESET</u> "\x1B[0m"
                                           //6
        void print(int32 t color[][12]);
        void all_print(int32_t color[][12]);
       int main(){
   int32_t input = 0;
   int32_t color[9][12] = {{0, 0, 0, 6, 6, 6, 0, 0, 0, 0, 0, 0},
   {0, 0, 0, 6, 6, 6, 0, 0, 0, 0, 0, 0},
}
:::
```