Subject: if you want to build theide 8227 for X11 on Mavericks - works now!
Posted by fudadmin on Sun, 19 Jul 2015 00:17:17 GMT
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Hi, at last I have my OSX machines working...
So, if you want to build theide 8227 for X11 on Mavericks.
Installation:
1. Install XCode 6.2
2. Install Macports
3. Install XQuartz
4. Install zlib, glib2, libpng, libnotify, freetype, Xft2, atk, gtk2 via sudo port install [name]
5. Download upp stable 8227 for linux (tested).
6. Replace the Makefile (attached here)

Changes in sources needed:
1. Core/TimeDate.cpp

```
bool SetSysTime(Time time)
{
#ifdef PLATFORM_POSIX
 struct tm      tmp_time;
 tmp_time.tm_sec  = time.second;
 tmp_time.tm_min  = time.minute;
 tmp_time.tm_hour = time.hour;
 tmp_time.tm_mday = time.day;
 tmp_time.tm_mon  = time.month-1;
 tmp_time.tm_year = time.year-1900;
 time_t raw_time  = mktime(&tmp_time);

 struct timespec sys_time;
 sys_time.tv_sec  = raw_time;
 sys_time.tv_nsec = 0;

#ifdef __MACH__
#include <sys/time.h>

    localtime(&raw_time);  //aris002 BUG TMP!!! HACK to compile!
   return true;

#else
 int result = clock_settime(CLOCK_REALTIME, &sys_time);
 return (result == 0);
#endif
#endif
```

2. plugin/ndisasm/lib/inttypes.h

```
/* long is 64 bits */
#ifdef __APPLE__
   typedef long long  int64_t;
```

```
   typedef unsigned long long  uint64_t;
#else
   typedef signed long  int64_t;
   typedef unsigned long  uint64_t;
#endif
```

3.plugin/ndisasm/lib/compiler.h
Need to test on other versions than Mavericks
but now just comment:
//#ifdef __APPLE__
//#define _FORTIFY_SOURCE 0 //aris002 - in the future evaluate how unsafe are the safe funtions and vice versa
//#endif

[At the moment theide runs but can't build. Need to have a look into *.bm and ide/Builders/...]
Edited: It builds now! please find the files below:
1. GccBuilder.icpp
2. CLANG.bm
3. Core.upp

Also, need sort out SetSysTime. Ideas?
Other ideas? Anyone to test?
P.S. Fingers crossed, I will have a few weeks to work upp mac OSX and cocoa.

File Attachments

1) Makefile.zip, downloaded 701 times