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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
functons 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 up mac OSX and cocoa.

## File Attachments

1) [Makefile.zip](#), downloaded 436 times

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