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Subject: Undefined symbols for architecture arm64: `_SecRandomCopyBytes` and `_kSecRandomDefault`

Posted by [anta40](#) on Wed, 05 Nov 2025 01:32:38 GMT

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I'm on macOS 15.7.1 (using `upp-posix-18147.tar.xz`)

So far, building U++ works fine until HomeBudget:

Saving

```
----- CtrlLib ( GUI CLANG SHARED BLITZ POSIX BSD OSX ) ( 1 / 14 )
----- plugin/sqlite3 ( GUI CLANG SHARED BLITZ POSIX BSD OSX ) ( 2 / 14 )
----- GridCtrl ( GUI CLANG SHARED BLITZ POSIX BSD OSX ) ( 3 / 14 )
----- DropGrid ( GUI CLANG SHARED BLITZ POSIX BSD OSX ) ( 4 / 14 )
----- CtrlCore ( GUI CLANG SHARED BLITZ POSIX BSD OSX ) ( 5 / 14 )
----- PdfDraw ( GUI CLANG SHARED BLITZ POSIX BSD OSX ) ( 6 / 14 )
----- Draw ( GUI CLANG SHARED BLITZ POSIX BSD OSX ) ( 7 / 14 )
----- plugin/bmp ( GUI CLANG SHARED BLITZ POSIX BSD OSX ) ( 8 / 14 )
----- RichText ( GUI CLANG SHARED BLITZ POSIX BSD OSX ) ( 9 / 14 )
----- Painter ( GUI CLANG SHARED BLITZ POSIX BSD OSX ) ( 10 / 14 )
----- Core ( GUI CLANG SHARED BLITZ POSIX BSD OSX ) ( 11 / 14 )
----- plugin/png ( GUI CLANG SHARED BLITZ POSIX BSD OSX ) ( 12 / 14 )
----- Sql ( GUI CLANG SHARED BLITZ POSIX BSD OSX ) ( 13 / 14 )
----- HomeBudget ( GUI MAIN CLANG SHARED BLITZ POSIX BSD OSX ) ( 14 / 14 )
```

Linking...

Undefined symbols for architecture arm64:

"`_SecRandomCopyBytes`", referenced from:  
    `_entropy` in `lib.c.o`

"`_kSecRandomDefault`", referenced from:  
    `_entropy` in `lib.c.o`

ld: symbol(s) not found for architecture arm64

clang++: error: linker command failed with exit code 1 (use -v to see invocation)

There were errors. (0:00.32)

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## File Attachments

1) [SCR-20251105-bntr.png](#), downloaded 104 times

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# SQLApp.h

Symbol/lineno/file (%C) ↓ A Z

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SQLApp/SQLApp.h

# \_SQLApp\_SQLApp\_h

# LAYOUTFILE

# SCHEMADIALECT

# MODEL

● DateIntConvert() → Up

SQLApp

▲ SQL App · public WithS

```

1 #ifndef _SQLApp_SQLA
2 #define _SQLApp_SQLA
3
4 #include <SqlCtrl/S
5 #include <plugin/sq
6
7 using namespaceUpp
8
9 #define LAYOUTFILE
10 #include <CtrlCore/
11

```

File	Line	Message
		Linkin
		Undef
		"_Sec
		_entro
		"_kSe
		_entro
		Id: syn
		clang+

Subject: Re: Undefined symbols for architecture arm64: \_SecRandomCopyBytes  
and \_kSecRandomDefault

Posted by [Klugier](#) on Wed, 18 Feb 2026 19:12:11 GMT

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Hello,

This is fixed on latest nightly builds and it will be part of release 2026.1. Please test.

Klugier

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