

## Ruby trunk - Bug #9908

### [mingw] openssl.so LoadError when built with 1.0.0m or 1.0.1h

06/06/2014 03:42 AM - jonforums (Jon Forums)

|                        |   |   |
|------------------------|---|---|
| <b>Status:</b>         | Rejected  |   |
| <b>Priority:</b>       | Normal  |   |
| <b>Assignee:</b>       |   |   |
| <b>Target version:</b> |   |   |
| <b>ruby -v:</b>        | ruby 2.1.2p123 (2014-06-03 revision 46319) [i386-mingw32] | <b>Backport:</b> 2.0.0: UNKNOWN, 2.1: UNKNOWN |

#### Description

While testing an MRI rebuild to use bug fixed openssl libs, I get the following runtime fail during load of openssl ext.

MRI built on Win8.1 64bit using mingw-w64 32bit 4.9.0 toolchain and rubyinstaller recipes. Custom OpenSSL libs built using recipe listed below using 32bit mingw-w64 4.9.0 toolchain.

I've not confirmed whether the openssl ext is guilty or my custom built openssl libs are guilty.

```
# using 32bit openssl 1.0.0m or 1.0.1h devlibs build using this ps recipe
#
# https://github.com/jonforums/buildlets/blob/master/build_openssl.ps1
```

```
sh-4.3$ ruby -ropenssl -ve "puts OpenSSL::OPENSSL_VERSION"
ruby 2.1.2p123 (2014-06-03 revision 46319) [i386-mingw32]
C:/Users/Jon/Documents/RubyDev/ri-git/sandbox/ruby21_mingw/lib/ruby/2.1.0/rubygems/core_ext/kernel
_require.rb:55:in `require': 126: The specified module could not be found. - C:/Users/Jon/Docume
nts/RubyDev/ri-git/sandbox/ruby21_mingw/lib/ruby/2.1.0/i386-mingw32/openssl.so (LoadError)
    from C:/Users/Jon/Documents/RubyDev/ri-git/sandbox/ruby21_mingw/lib/ruby/2.1.0/rubygems/co
re_ext/kernel_require.rb:55:in `require'
    from C:/Users/Jon/Documents/RubyDev/ri-git/sandbox/ruby21_mingw/lib/ruby/2.1.0/openssl.rb:
17:in `'
    from C:/Users/Jon/Documents/RubyDev/ri-git/sandbox/ruby21_mingw/lib/ruby/2.1.0/rubygems/co
re_ext/kernel_require.rb:55:in `require'
    from C:/Users/Jon/Documents/RubyDev/ri-git/sandbox/ruby21_mingw/lib/ruby/2.1.0/rubygems/co
re_ext/kernel_require.rb:55:in `require'
```

```
# here's what it should look like...
```

```
arch64:~ % uname -a
Linux arch64 3.14.5-1-ARCH #1 SMP PREEMPT Sun Jun 1 07:36:23 CEST 2014 x86_64 GNU/Linux
```

```
arch64:~ % ruby -ropenssl -ve "puts OpenSSL::OPENSSL_VERSION"
ruby 2.1.2p123 (2014-06-03 revision 46319) [x86_64-linux]
OpenSSL 1.0.1h 5 Jun 2014
```

#### History

##### #1 - 06/07/2014 12:01 AM - jonforums (Jon Forums)

My custom built openssl libs are guilty, not the openssl ext.

The upgraded 32bit 4.9.0 toolchain I used to build the openssl libs uses dw2 rather than sjlj used by the previous version. The libeay32.dll implicitly linked against libgcc\_2\_dw2-1.dll conflicts with the openssl ext built using a 32bit 4.9.0 sjlj toolchain.

Using new 1.0.0m openssl libs built without the dw2 dependency, things appear to be OK:

```
C:\Users\Jon\Documents>ruby -ropenssl -ve "puts OpenSSL::OPENSSL_VERSION"
ruby 2.1.2p124 (2014-06-07 revision 46367) [i386-mingw32]
OpenSSL 1.0.0m 5 Jun 2014
```

Verifying that non-dw2 1.0.1h libs also work...

##### #2 - 07/07/2014 07:11 AM - nagachika (Tomoyuki Chikanaga)

- Status changed from Open to Closed

**#3 - 07/07/2014 07:30 AM - usa (Usaku NAKAMURA)**

- Status changed from Closed to Rejected