

## Ruby master - Bug #5345

### error running make for 1.9.2-p290: Generating RI => 'marshal data too short'

09/21/2011 11:40 AM - stepheneb (Stephen Bannasch)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b> 1.9.2	
<b>ruby -v:</b> ruby 1.9.2-p290	<b>Backport:</b>
<b>Description</b>	
Can't successfully build ruby 1.9.2-p290 from a git clone on RedHat Enterprise 5.5, make fails while generating RI with the error 'marshal data too short'	
Can successfully build 1.9.2-p302 and ruby_1_9_3 on the same system.	
I don't think this should matter but I tried running make with both 1.8.7 and ruby_1_9_3	
<ul style="list-style-type: none"><li>• ruby 1.8.7 (2010-08-16 patchlevel 302) [i686-linux]</li><li>• ruby 1.9.3dev (2011-09-21 revision 33304) [i686-linux]</li></ul>	
\$ cat /etc/redhat-release Red Hat Enterprise Linux Server release 5.5 (Tikanga)	
git fetch git co v1_9_2_290 ~/bin/autoconf ./configure --prefix=/home/sbannasch/ruby/builds/ruby_1_9_2p290 make --debug  ...	
Successfully remade target file ruby'. make[1]: Leaving directory/home/sbannasch/src/ruby-git' Successfully remade target file main'. Filedocs' does not exist. File rdoc' does not exist. FilePHONY' does not exist. Must remake target PHONY'. Successfully remade target filePHONY'. Must remake target `rdoc'. Generating RDoc documentation ./miniruby -I./lib -I.ext/common -I./-r./ext/purelib.rb ./tool/runruby.rb --extout=.ext -- ./bin/rdoc" --no-force-update --all --ri --op ".ext/rdoc" "" Parsing sources... No definition for rb_struct_init_copy  No definition for range_initialize_copy No definition for iseq_inspect  No definition for rb_iseq_disasm No definition for rb_iseq_disasm No definition for iseq_to_a No definition for iseq_eval No definition for iseq_s_load No definition for iseq_s_compile No definition for iseq_s_compile No definition for iseq_s_compile_file No definition for iseq_s_compile_option_get No definition for iseq_s_compile_option_set No definition for iseq_s_disasm No definition for iseq_s_disasm No definition for rb_f_require_relative	

No definition for rb\_obj\_hash

No definition for rb\_obj\_methods

No definition for rb\_obj\_protected\_methods

No definition for rb\_obj\_private\_methods

No definition for rb\_obj\_public\_methods

No definition for rb\_mod\_attr

lib/irb/inspector.rb:36:36: Couldn't find INSPECTORS. Assuming it's a module

No definition for BigDecimal\_add2gdecimal.c

No definition for BigDecimal\_sub2

No definition for BigDecimal\_mult2

No definition for BigDecimal\_div2

No definition for BigDecimal\_hash

No definition for BigDecimal\_uplus

No definition for BigDecimal\_neg

No definition for BigDecimal\_dup

No definition for BigDecimal\_dump

No definition for BigDecimal\_global\_new

No definition for fgdbm\_setoptc

No definition for openssl\_asn1\_traverse1.c

No definition for openssl\_asn1\_decode

No definition for openssl\_asn1\_decode\_all

No definition for openssl\_asn1data\_initialize

No definition for openssl\_asn1data\_to\_der

No definition for openssl\_asn1\_initialize

No definition for openssl\_asn1prim\_to\_der

No definition for openssl\_asn1\_initialize

No definition for openssl\_asn1cons\_to\_der

No definition for openssl\_asn1cons\_each

No definition for openssl\_bn\_copysl\_bn.c

No definition for openssl\_bn\_num\_bytes

No definition for openssl\_bn\_num\_bits

No definition for openssl\_bn\_add

No definition for openssl\_bn\_sub

No definition for openssl\_bn\_mul

No definition for openssl\_bn\_sqr

No definition for openssl\_bn\_mod

No definition for openssl\_bn\_mod\_add

No definition for openssl\_bn\_mod\_sub

No definition for openssl\_bn\_mod\_mul

No definition for openssl\_bn\_mod\_sqr

No definition for openssl\_bn\_exp

No definition for openssl\_bn\_mod\_exp

No definition for openssl\_bn\_gcd

No definition for openssl\_bn\_cmp

No definition for openssl\_bn\_ucmp

No definition for openssl\_bn\_eq

No definition for openssl\_bn\_is\_zero

No definition for openssl\_bn\_is\_one

No definition for openssl\_bn\_is\_odd

No definition for openssl\_bn\_s\_rand

No definition for openssl\_bn\_s\_pseudo\_rand

No definition for openssl\_bn\_s\_rand\_range

No definition for openssl\_bn\_s\_pseudo\_rand\_range

No definition for openssl\_bn\_set\_bit

No definition for openssl\_bn\_clear\_bit

No definition for openssl\_bn\_mask\_bits

No definition for openssl\_bn\_lshift

No definition for openssl\_bn\_rshift

No definition for openssl\_bn\_self\_lshift

No definition for openssl\_bn\_self\_rshift

No definition for `ossl_bn_to_bn`  
No definition for `ossl_bn_coerce`  
No definition for `ossl_bn_mod_inverse`  
No definition for `ossl_config_s_parseig.c`  
  
No definition for `ossl_config_initialize`  
No definition for `ossl_config_get_value`  
No definition for `ossl_config_get_value_old`  
No definition for `rb_f_notimplement`  
No definition for `ossl_config_add_value_m`  
No definition for `ossl_config_get_section_old`  
No definition for `ossl_config_set_section`  
No definition for `ossl_config_get_sections`  
No definition for `ossl_config_to_s`  
No definition for `ossl_config_each`  
No definition for `ossl_config_inspect`  
Enclosing class/module 'cDigest' for class DigestError not known

No definition for `ossl_engine_s_loadine.c`

No definition for `ossl_engine_s_cleanup`  
No definition for `ossl_engine_s_engines`  
No definition for `ossl_engine_s_by_id`  
No definition for `ossl_engine_get_id`  
No definition for `ossl_engine_get_name`  
No definition for `ossl_engine_finish`  
No definition for `rb_f_notimplement`  
No definition for `ossl_engine_get_cipher`  
No definition for `rb_f_notimplement`  
No definition for `ossl_engine_get_digest`  
No definition for `ossl_engine_load_privkey`  
No definition for `ossl_engine_load_pubkey`  
No definition for `ossl_engine_set_default`  
No definition for `ossl_engine_ctrl_cmd`  
No definition for `ossl_engine_get_cmds`  
No definition for `ossl_engine_inspect`  
No definition for `ossl_spki_initializeki.c`

No definition for `ossl_spki_to_der`  
No definition for `ossl_spki_to_pem`  
No definition for `ossl_spki_print`  
No definition for `ossl_spki_get_public_key`  
No definition for `ossl_spki_set_public_key`  
No definition for `ossl_spki_sign`  
No definition for `ossl_spki_get_challenge`  
No definition for `ossl_spki_set_challenge`  
No definition for `ossl_ocspreq_initialize`

No definition for `ossl_ocspreq_add_nonce`  
No definition for `ossl_ocspreq_add_certid`  
No definition for `ossl_ocspreq_get_certid`  
No definition for `ossl_ocspreq_sign`  
No definition for `ossl_ocspreq_verify`  
No definition for `ossl_ocspreq_to_der`  
No definition for `ossl_ocspres_initialize`  
No definition for `ossl_ocspres_status`  
No definition for `ossl_ocspres_status_string`  
No definition for `ossl_ocspres_get_basic`  
No definition for `ossl_ocspres_to_der`  
No definition for `ossl_ocsbres_initialize`  
No definition for `ossl_ocsbres_copy_nonce`  
No definition for `ossl_ocsbres_add_nonce`  
No definition for `ossl_ocsbres_add_status`  
No definition for `ossl_ocsbres_get_status`  
No definition for `ossl_ocsbres_sign`  
No definition for `ossl_ocsbres_verify`  
No definition for `ossl_ocsprecid_initialize`

No definition for `ossl_ocspcid_cmp`  
No definition for `ossl_ocspcid_cmp_issuer`  
No definition for `ossl_ocspcid_get_serial`  
No definition for `ossl_pkcs7_set_detached`

No definition for `ossl_pkcs7_get_detached`  
No definition for `ossl_pkcs7_detached_p`  
No definition for `ossl_pkcs7_set_cipher`  
No definition for `ossl_pkcs7_add_signer`  
No definition for `ossl_pkcs7_get_signer`  
No definition for `ossl_pkcs7_add_recipient`  
No definition for `ossl_pkcs7_get_recipient`  
No definition for `ossl_pkcs7_add_certificate`  
No definition for `ossl_pkcs7_set_certificates`  
No definition for `ossl_pkcs7_get_certificates`  
No definition for `ossl_pkcs7_add_crl`  
No definition for `ossl_pkcs7_set_crls`  
No definition for `ossl_pkcs7_get_crls`  
No definition for `ossl_pkcs7_add_data`  
No definition for `ossl_pkcs7_verify`  
No definition for `ossl_pkcs7_decrypt`  
No definition for `ossl_pkcs7_to_pem`  
No definition for `ossl_pkcs7_to_der`  
No definition for `ossl_pkcs7si_initialize`  
No definition for `ossl_pkcs7si_get_issuer`  
No definition for `ossl_pkcs7si_get_serial`  
No definition for `ossl_pkcs7si_get_signed_time`  
No definition for `ossl_pkcs7ri_initialize`  
No definition for `ossl_pkcs7ri_get_issuer`  
No definition for `ossl_pkcs7ri_get_serial`  
No definition for `ossl_pkcs7ri_get_enc_key`  
No definition for `ossl_pkcs12_to_ders12.c`

No definition for `ossl_pkey_initializec`

No definition for `ossl_pkey_sign`  
No definition for `ossl_pkey_verify`  
No definition for `ossl_ec_group_set_curve_name`

No definition for `ossl_rsa_blinding_onrsa.c`

No definition for `ossl_rsa_blinding_off`  
No definition for `ossl_sslctx_set_ssl_version`

No definition for `ossl_ssl_get_verify_result`  
No definition for `ossl_ssl_session_set_timen.c`

No definition for `ossl_ssl_session_set_timeout`  
Enclosing class/module 'mX509' for class AttributeError not known

Enclosing class/module 'mX509' for class Attribute not known  
Enclosing class/module 'mX509' for class CertificateError not known

Enclosing class/module 'mX509' for class Certificate not known  
Enclosing class/module 'mX509' for class CRL\_Error not known

Enclosing class/module 'mX509' for class CRL not known  
Enclosing class/module 'mX509' for class ExtensionError not known

Enclosing class/module 'mX509' for class ExtensionFactory not known  
Enclosing class/module 'mX509' for class Extension not known  
Enclosing class/module 'mX509' for class NameError not known

Enclosing class/module 'mX509' for class Name not known  
Enclosing class/module 'mX509' for class RequestError not known

Enclosing class/module 'mX509' for class Request not known

Enclosing class/module 'mX509' for class RevokedError not known

Enclosing class/module 'mX509' for class Revoked not known

Enclosing class/module 'mX509' for class StoreError not known

Enclosing class/module 'mX509' for class Store not known

Enclosing class/module 'mX509' for class StoreContext not known

No definition for echild\_status

No definition for socks\_initocksocket.c

No definition for socks\_s\_close

No definition for rb\_io\_addstrringio.c

No definition for rb\_io\_print

No definition for rb\_io\_printf

No definition for rb\_io\_puts

100% [377/377] ext/zlib/zlib.c

Generating RI...

uh-oh! RDoc had a problem:

marshal data too short

run with --debug for full backtrace

make: \*\*\* [rdoc] Error 1

## History

### #1 - 09/21/2011 01:53 PM - nobu (Nobuyoshi Nakada)

- Category changed from build to lib

- Status changed from Open to Closed

- ruby -v changed from ruby 1.9.3dev (2011-09-21 revision 33304) [i686-linux] to ruby 1.9.2-p290

It sounds like an RHEL 5.5 specific issue, and seems already fixed.

### #2 - 09/26/2011 07:12 AM - stepheneb (Stephen Bannasch)

I'm now getting the same error when building 1.9.2-p302 (which worked last week):

When using miniruby to generate the rdoc and ri the RI generation fails:

```
./miniruby -I./lib -I.ext/common -I./-r./ext/purelib.rb ./tool/runruby.rb --extout=.ext -- ./bin/rdoc" --no-force-update --all --ri --op ".ext/rdoc" ". "
```

...

Generating RI...

uh-oh! RDoc had a problem:

marshal data too short

If I don't generate the RI the doc generation succeeds:

```
./miniruby -I./lib -I.ext/common -I./-r./ext/purelib.rb ./tool/runruby.rb --extout=.ext -- ./bin/rdoc" --no-force-update --all --op ".ext/rdoc" ". "
```

It seems there is something brittle in the way the RI doc is generated.

### #3 - 09/26/2011 07:31 AM - stepheneb (Stephen Bannasch)

Also have the same problem with ruby\_1\_9\_3\_rc1