

## Ruby master - Feature #12016

### More informative error message when Symbol encoding is invalid

01/25/2016 06:21 AM - alexdowad (Alex Dowad)

|   |        |
|---|--------|
| <b>Status:</b>  | Closed |
| <b>Priority:</b>  | Normal |
| <b>Assignee:</b>  |        |
| <b>Target version:</b>  |        |
| <b>Description</b>  |        |
| When a symbol literal is invalid in the source file's encoding, an EncodingError exception is raised, with the following message: invalid encoding symbol. This patches the interpreter so a more informative message is generated, similar to: encoding UTF-8 is invalid for symbol :"\xC7". |        |
| Here is where this originated from: <a href="https://github.com/whitequark/parser/issues/252">https://github.com/whitequark/parser/issues/252</a>   |        |

#### Associated revisions

##### Revision dfca38ea - 01/25/2016 06:56 AM - nobu (Nobuyoshi Nakada)

symbol.c: more informative error message

- symbol.c (sym\_check\_asciionly): more informative error message with the encoding name and the inspected content. [ruby-core:73398] [Feature #12016]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@53650 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 53650 - 01/25/2016 06:56 AM - nobu (Nobuyoshi Nakada)

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#### History

##### #1 - 01/25/2016 06:40 AM - normalperson (Eric Wong)

[alexinbeijing@gmail.com](mailto:alexinbeijing@gmail.com) wrote:

Feature [#12016](#): More informative error message when Symbol encoding is invalid  
<https://bugs.ruby-lang.org/issues/12016>

Calling RSTRING\_PTR on any function return value directly is dangerous because of GC. PRI\*VALUE format strings were introduced to help make avoiding this danger easier, and the '+' modifier will call inspect for you.

How about the following?

```
rb_raise(rb_eEncodingError,  
         "encoding %s is invalid for symbol :%+"PRIsVALUE,
```

```
rb_enc_name(rb_enc_get(str)),  
str);
```

(also wrapping at 80 cols, some of us use big fonts)

**#2 - 01/25/2016 06:55 AM - nobu (Nobuyoshi Nakada)**

- Status changed from Open to Closed

Applied in changeset r53650.

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## Files

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|                                      |           |            |                         |
|--------------------------------------|-----------|------------|-------------------------|
| patch_symbol_encoding_error_msg.diff | 547 Bytes | 01/25/2016 | alexdownad (Alex Dowad) |
| patch_symbol_encoding_error_msg.diff | 547 Bytes | 01/25/2016 | alexdownad (Alex Dowad) |