

## Ruby trunk - Bug #6675

### Raise exception when convert encoding of a character from GBK to UTF

06/30/2012 03:13 PM - mghomn (Justin Peal)

<b>Status:</b> Rejected	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b>	
<b>ruby -v:</b> ruby 1.9.3p194 (2012-04-20) [i386-mingw32]	<b>Backport:</b> 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN
<b>Description</b> #!/usr/bin/env ruby -w  <b>encoding: utf-8</b>  require 'test/unit'  class Tests < Test::Unit::TestCase def test_gbk assert_raise Encoding::UndefinedConversionError do "��863".encode('gbk').encode('utf-8') end end end	

#### History

##### #1 - 07/02/2012 10:03 AM - naruse (Yui NARUSE)

- Status changed from Open to Feedback

The test passes my environment:

- ruby 1.9.3p194 (2012-04-20 revision 35410) [x86\_64-darwin11.4.0]
- ruby 1.9.3p203 (2012-05-04 revision 35536) [x86\_64-freebsd9.0]
- ruby 1.9.3p243 (2012-06-28 revision 36244) [x86\_64-freebsd9.0]
- ruby 2.0.0dev (2012-07-02 trunk 36265) [x86\_64-freebsd9.0]

Anyone can reproduce it?

##### #2 - 11/02/2012 08:21 PM - mame (Yusuke Endoh)

- Status changed from Feedback to Rejected

No feedback, closing.

2012/7/2 "Martin J. D rurst" [duerst@it.aoyama.ac.jp](mailto:duerst@it.aoyama.ac.jp):

```
  863 is in the Unicode private use area. Therefore, conversion to GBK
should not succeed. I get Encoding::UndefinedConversionError just for
ruby -e "  863".encode("gbk")'
```

I don't understand why the title of the bug is "when convert ... from GBK to UTF-8". The last method call of the test, `.encode('utf-8')`, is quite irrelevant. Justin, can you explain what you want?

I guess Justen expected round-trip.

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Yusuke Endoh [mame@tsg.ne.jp](mailto:mame@tsg.ne.jp)

#3 - 12/06/2012 05:09 PM - mghomn (Justin Peal)

**Because GBK is narrow, now I use GB18030 to avoid this error. :-)**

```
#!/usr/bin/env ruby -w
```

**encoding: utf-8**

```
require 'test/unit'
```

```
class Tests < Test::Unit::TestCase
```

```
  def test_gbk
```

```
    "\ue863".encode('gb18030').encode('utf-8')
```

```
  end
```

```
end
```