

"code converter not found" error with multi-thread (high occurrence rate since r50887)

Status: Closed Priority: Normal Assignee: Target version: ruby -v: ruby 2.3.0dev (2015-06-16) [x86_64-linux]	Backport: 2.0.0: WONTFIX, 2.1: DONE, 2.2: DONE
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```
sparc Solaris 10 000r50887 000make test-all 00000300Failure00000000000000
```

```
1) Failure:
TestDir_M17N#test_filename_extutf8_inteucjp_unrepresentable [/XXXXX-trunk-50887/test/ruby/test_dir_m17n.rb:152]:
assert_separately failed with error message.
<"> expected but was
<"/XXXXX-trunk-50887/test/lib/envutil.rb:72:in `read': code converter not found (UTF-8 to EUC-JP)
(Encoding::ConverterNotFoundError)\n\tfrom /XXXXX-trunk-50887/test/lib/envutil.rb:72:in `block in
invoke_ruby'\n">.
```

```

2) Failure:
TestDir_M17N#test_filename_extutf8_inteucjp_representable [/XXXXX-trunk-50887/test/ruby/test_dir_m
17n.rb:125]:
assert_separately failed with error message.
<"> expected but was
<"/XXXXX-trunk-50887/test/lib/envutil.rb:72:in `read': code converter not found (UTF-8 to EUC-JP)
(Encoding::ConverterNotFoundError)\n\tfrom /XXXXX-trunk-50887/test/lib/envutil.rb:72:in `block in
invoke_ruby'\n">.

```

```
3) Failure:
TestDir_M17N#test_filename_ext_euc_jp_and_int_utf_8 [/XXXXX-trunk-50887/test/ruby/test_dir_m17n.rb:246]:
assert_separately failed with error message.
<"> expected but was
<"/XXXXX-trunk-50887/test/lib/envutil.rb:72:in `read': code converter not found (EUC-JP to UTF-8)
(Encoding::ConverterNotFoundError)\n\tfrom /XXXXX-trunk-50887/test/lib/envutil.rb:72:in `block in
invoke_ruby'\n">.
```

Related to Ruby - Bug #11060: load(fifo) blocks whole process	Closed
Related to Ruby - Feature #5654: Introduce global lock to avoid concurrent re...	Assigned
Related to Ruby - Feature #5653: "I strongly discourage the use of autoload i...	Closed

Revision 9a7e4bf9ea027f6ac5116743a3006c84c7441f50 - 06/26/2015 03:48 AM - nobu (Nobuyoshi Nakada)

- transcode.c (load_transcoder_entry): fix transcoder loading race condition, by waiting in require. [ruby-dev:49106] [Bug #11277]

Revision 9a7e4bf9 - 06/26/2015 03:48 AM - nobu (Nobuyoshi Nakada)

- `transcode.c (load_transcoder_entry)`: fix transcoder loading race condition, by waiting in `require`. [ruby-dev:49106] [Bug #11277]

git-svn-id: [svn+ssh://ci.ruby-lang.org/ruby/trunk@51037](https://ci.ruby-lang.org/ruby/trunk@51037) b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 43850e265597ef173d6bfcfc8f34e92094716c - 08/03/2015 06:57 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 51037: [Backport #11277]

```
* transcode.c (load_transcoder_entry): fix transcoder loading race
condition, by waiting in require. [ruby-dev:49106] [Bug #11277]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_2@51474 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 43850e26 - 08/03/2015 06:57 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 51037: [Backport #11277]

```
* transcode.c (load_transcoder_entry): fix transcoder loading race
condition, by waiting in require. [ruby-dev:49106] [Bug #11277]
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_2@51474 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 776666aed80c7e06dfd8288302a663638b66fe5 - 08/17/2015 07:23 AM - U.Nakamura

merge revision(s) 51037: [Backport #11277]

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* transcode.c (load_transcoder_entry): fix transcoder loading race
condition, by waiting in require. [ruby-dev:49106] [Bug #11277]
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_1@51598 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 7766666a - 08/17/2015 07:23 AM - U.Nakamura

merge revision(s) 51037: [Backport #11277]

```
* transcode.c (load_transcoder_entry): fix transcoder loading race
condition, by waiting in require. [ruby-dev:49106] [Bug #11277]
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_1@51598 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 06/18/2015 10:10 AM - ngoto (Naohisa Goto)

- Related to Bug #11060: load(fifo) blocks whole process added

#2 - 06/18/2015 03:10 PM - ngoto (Naohisa Goto)

- Subject changed from "code converter not found" Failure since r50887 on Solaris 10 to "code converter not found" Failure since r50887
- ruby -v changed from ruby 2.3.0dev (2015-06-10) [sparc64-solaris2.10] to ruby 2.3.0dev (2015-06-16) [sparc64-solaris2.10]

```
x86_64 Linux 50%
r50920

$ echo a0 > /tmp/a0
$ echo a1 > /tmp/a1
$ ruby --disable=gems -EEUC-JP:UTF-8 -e 'Thread.new { File.read("/tmp/a0") }; Thread.new { File.read("/tmp/a1") }.join'
-e:1:in `read': code converter not found (EUC-JP to UTF-8) (Encoding::ConverterNotFoundError)
from -e:1:in `block in <main>'

2enc/trans
```

#3 - 06/18/2015 03:11 PM - ngoto (Naohisa Goto)

- ruby -v changed from ruby 2.3.0dev (2015-06-16) [sparc64-solaris2.10] to ruby 2.3.0dev (2015-06-16) [x86_64-linux]

#4 - 06/18/2015 03:15 PM - ngoto (Naohisa Goto)

Ruby 1.9.3
r50887

#5 - 06/18/2015 03:23 PM - ngoto (Naohisa Goto)

- Subject changed from "code converter not found" Failure since r50887 to "code converter not found" Failure (high occurrence rate since r50887)

#6 - 06/19/2015 07:30 AM - ngoto (Naohisa Goto)

- Related to Feature #5654: Introduce global lock to avoid concurrent require added

#7 - 06/19/2015 07:35 AM - ngoto (Naohisa Goto)

- Subject changed from "code converter not found" Failure (high occurrence rate since r50887) to "code converter not found" error with multi-thread (high occurrence rate since r50887)

```
##### #5654 #####
Encoding #####circular
require#####
```

#8 - 06/19/2015 07:40 AM - ngoto (Naohisa Goto)

- Related to Feature #5653: "I strongly discourage the use of autoload in any standard libraries" (Re: autoload will be dead) added

#9 - 06/19/2015 07:42 AM - ngoto (Naohisa Goto)

autoload ##### autoload ##### #5653

#10 - 06/25/2015 02:12 PM - ngoto (Naohisa Goto)

r50887 #####

Converter ##### Error ##### Encoding ##### Warning #####

```
% ruby --disable=gems -e '(0..2).collect { |_| Thread.new { p "\u3042".encode("EUC-JP") } }.each { |t| t.join }
'
-e:1: warning: failed to load encoding (EUC-JP); use ASCII-8BIT instead
-e:1:in `encode': code converter not found (UTF-8 to EUC-JP) (Encoding::ConverterNotFoundError)
  from -e:1:in `block (2 levels) in <main>'
```

Linux ##### Solaris #####

#11 - 06/26/2015 03:49 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset r51037.

transcode.c: fix race condition

- transcode.c (load_transcoder_entry): fix transcoder loading race condition, by waiting in require. [\[ruby-dev:49106\]](#) [Bug [#11277](#)]

#12 - 06/30/2015 03:12 AM - usa (Usaku NAKAMURA)

- Backport changed from 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN to 2.0.0: WONTFIX, 2.1: REQUIRED, 2.2: REQUIRED

#13 - 08/03/2015 06:58 PM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.0.0: WONTFIX, 2.1: REQUIRED, 2.2: REQUIRED to 2.0.0: WONTFIX, 2.1: REQUIRED, 2.2: DONE

Backported into ruby_2_2 at r51474.

#14 - 08/17/2015 07:23 AM - usa (Usaku NAKAMURA)

- Backport changed from 2.0.0: WONTFIX, 2.1: REQUIRED, 2.2: DONE to 2.0.0: WONTFIX, 2.1: DONE, 2.2: DONE

ruby_2_1 r51598 merged revision(s) 51037.