Add rb_enc_raise() to allow C extensions to raise errors with messages with correct encoding

Currently, rb_raise raises exceptions with a message with an encoding set to ASCII-8BIT. Adding rb_enc_raise() will allow the caller to raise an exception with a message with a given encoding.

Associated revisions
Revision f45fc7da - 04/10/2012 10:07 AM - nobu (Nobuyoshi Nakada)
  - error.c (rb_enc_raise): new function to raise an exception with the message in the given encoding. patched by now (Nikolai Weibull) at [ruby-core:41160]. [Feature #5650]
  git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@35283 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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History
#1 - 11/20/2011 04:25 AM - nobu (Nobuyoshi Nakada)
  - Tracker changed from Bug to Feature

#2 - 11/21/2011 06:14 PM - nobu (Nobuyoshi Nakada)
  - Status changed from Open to Feedback
  - Target version set to 2.0.0

08/07/2021
I agree that exceptions need to consider encodings. But I'm curious about your usage. Which needs the encoding, the format string or arguments to be converted?

#3 - 11/24/2011 04:59 AM - now (Nikolai Weibull)
On Mon, Nov 21, 2011 at 10:14, Nobuyoshi Nakada nobu@ruby-lang.org wrote:

I agree that exceptions need to consider encodings. But I'm curious about your usage. Which needs the encoding, the format string or arguments to be converted?

Well, I simply think that passing the encoding to rb_enc_vsprintf as in the patch should be fine. That, as I understand it, sets the encoding of the format string and then any arguments will be converted to the format strings encoding. Is that correct?

#4 - 04/10/2012 07:07 PM - nobu (Nobuyoshi Nakada)
- Status changed from Feedback to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r35283. Nikolai, thank you for reporting this issue. Your contribution to Ruby is greatly appreciated. May Ruby be with you.

- error.c (rb_enc_raise): new function to raise an exception with the message in the given encoding. patched by now (Nikolai Weibull) at [ruby-core:41160]. [Feature #5650]

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