

r20625 dumps core and many strings associated with wrong encoding

Status: Priority: Assignee: Target version: ruby -v:	Closed Normal nobu (Nobuyoshi Nakada) 1.9.1 Release Candidate	
Description <pre> =begin Yugui r20625 default_external default_internal (rb_encoding_t*)NULL trunk ruby -e 1 </pre> process_options <pre> default_external </pre> - ruby_process_options() ruby_script() rb_prognamename: ASCII-8BIT - process_options() ruby_script() rb_prognamename: locale encoding associate ASCII-8BIT - rb_init_load_path_safe LOAD_PATH -I LOAD_PATH default_external default_external associate - gem_prelude.rb:291 IO ? - LOAD_PATH default_external associate ? <pre> -- Yugui yugui@yugui.jp http://yugui.jp Dump =end </pre>		Backport:

#1 - 12/11/2008 11:25 PM - yugui (Yuki Sonoda)

06/13/2025

- prelude`io`?
- `prelude`?
- `rb_progname` `rb_gc_register_mark_object` `rb_progname` `rb_gc_register_mark_object`?

```
--
Yugui yugui@yugui.jp
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Dump

diff --git a/encoding.c b/encoding.c
index 3253bfd..cd84af4 100644
--- a/encoding.c
+++ b/encoding.c
@@ -1072,7 +1072,7 @@ enc_set_default_encoding(struct default_encoding *def, VALUE encoding,
return overridden;
}

-static struct default_encoding default_external = {-2};
+static struct default_encoding default_external = {0};

rb_encoding *
rb_default_external_encoding(void)
diff --git a/gem_prelude.rb b/gem_prelude.rb
index ddc56c8..336dfac 100644
--- a/gem_prelude.rb
+++ b/gem_prelude.rb
@@ -2,6 +2,10 @@
```

vim: filetype=ruby

THIS FILE WAS AUTOGENERATED, DO NOT EDIT

```
## NOTICE: Ruby is during initialization here.
## * Encoding.default_external is always ASCII-8BIT.
## * Should not expect Encoding.default_internal.
## * Locale encoding is available.
if defined?(Gem) then

module Kernel

diff --git a/ruby.c b/ruby.c
index 913b454..0897c69 100644
--- a/ruby.c
+++ b/ruby.c
@@ -1097,6 +1097,8 @@ true_value(void)
#define rb_define_readonly_boolean(name, val)
rb_define_virtual_variable((name), (val) ? true_value : false_value, 0)

+static void fix_objects_associated_with_default_external(void);
+
static VALUE
process_options(VALUE arg)
{
@@ -1178,7 +1180,7 @@ process_options(VALUE arg)
}
}

• ruby_script(opt->script);

• rb_progname = rb_obj_freeze(rb_str_new_cstr(opt->script));
  #if defined DOSISH || defined CYGWIN
  translate_char(RSTRING_PTR(rb_progname), '\\', '/');
  #endif
  @@ -1211,6 +1213,7 @@ process_options(VALUE arg)
  enc = lenc;
  }
  rb_enc_set_default_external(rb_enc_from_encoding(enc));

• fix_objects_associated_with_default_external();
  if (opt->intern.enc.index >= 0) {
```

```

enc = rb_enc_from_index(opt->intern.enc.index);
rb_enc_set_default_internal(rb_enc_from_encoding(enc));
@@ -1287,6 +1290,18 @@ process_options(VALUE arg)

```

```

return iseq;
}
+static void
+fix_objects_associated_with_default_external(void)
+{

```

- int i;
- VALUE load_path = GET_VM()->load_path;
- for (i = 0; i < RARRAY_LEN(load_path); ++i) {
- [REDACTED]
- [REDACTED]
- [REDACTED]
- }
- }

```

struct load_file_arg {
VALUE parser;
@@ -1669,10 +1684,10 @@ ruby_process_options(int argc, char **argv)
struct cmdline_arguments args;
struct cmdline_options opt;
NODE *tree;

```

- VALUE tmp_prognam; /* rb_prognam will set with right encoding later */
- ruby_script(argv[0]); /* for the time being */
- rb_argv0 = rb_str_new4(rb_prognam);
- rb_gc_register_mark_object(rb_argv0);
- tmp_prognam = rb_obj_freeze(rb_str_new_cstr(argv[0]));
- rb_obj_freeze(tmp_prognam);
- args.argc = argc;
- args.argv = argv;
- args.opt = cmdline_options_init(&opt);
- @@ -1680,7 +1695,7 @@ ruby_process_options(int argc, char **argv)
- opt.intern.enc.index = -1;
- tree = (NODE *)rb_vm_call_cfunc(rb_vm_top_self(),
- process_options, (VALUE)&args,
- [REDACTED]
- [REDACTED]

```

return tree;
}

```

=end

#2 - 12/12/2008 12:08 AM - yugui (Yuki Sonoda)

- Category set to M17N
- Assignee set to nobu (Nobuyoshi Nakada)
- Priority changed from 3 to 5
- Target version set to 1.9.1 Release Candidate

=begin

=end

#3 - 12/12/2008 11:07 AM - matz (Yukihiro Matsumoto)

=begin


```
["/Users/yugui/varyrubies/trunk-O0/lib/ruby/1.9.1/i386-darwin9.5.0/enc/encdb.bundle",  
#Encoding:US-ASCII],  
["/Users/yugui/varyrubies/trunk-O0/lib/ruby/1.9.1/i386-darwin9.5.0/enc/trans/transdb.bundle",  
#Encoding:US-ASCII],  
["/Users/yugui/varyrubies/trunk-O0/lib/ruby/1.9.1/rubygems.rb",  
#Encoding:UTF-8],  
["/Users/yugui/varyrubies/trunk-O0/lib/ruby/1.9.1/i386-darwin9.5.0/enc/shift_jis.bundle",  
#Encoding:US-ASCII],  
["/Users/yugui/varyrubies/trunk-O0/lib/ruby/1.9.1/date/format.rb",  
#Encoding:US-ASCII],  
["/Users/yugui/varyrubies/trunk-O0/lib/ruby/1.9.1/date.rb",  
#Encoding:US-ASCII]]
```

--

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====Dump====

=end

#7 - 12/12/2008 02:27 PM - yugui (Yuki Sonoda)

- Status changed from Open to Closed

- % Done changed from 0 to 100

=begin

Applied in changeset r20656.

=end