

Ruby trunk - Feature #2674

RubyVM::InstructionSequence to accept IOs

01/28/2010 07:36 PM - shyuhei (Shyouhei Urabe)

Status:	Closed
Priority:	Normal
Assignee:	shyouhei (Shyouhei Urabe)
Target version:	2.0.0

Description

```
=begin
Ripper Ripper#initialize IOSeq
IOSeq IOSeq
```

Signed-off-by: Urabe, Shyuhei shyouhei@ruby-lang.org

```
iseq.c | 6 +++++-
```

1 files changed, 5 insertions(+), 1 deletions(-)

```
diff --git a/iseq.c b/iseq.c
```

```
index 3c957c7..2d86f5d 100644
```

```
--- a/iseq.c
```

```
+++ b/iseq.c
```

```
@@ -538,10 +538,14 @@ rb_iseq_compile_with_option(VALUE src, VALUE file, VALUE line, VALUE opt)
```

```
rb_compile_option_t option;
```

```
const char *fn = StringValueCStr(file);
```

```
int ln = NUM2INT(line);
```

- NODE *node = parse_string(StringValue(src), fn, ln);

- NODE *node;

```
rb_thread_t *th = GET_THREAD();
```

```
make_compile_option(&option, opt);
```

- if (rb_obj_respond_to(src, rb_intern("gets"), 0))

- [REDACTED]

- else

- [REDACTED]

```
if (th->base_block && th->base_block->iseq) {
```

```
return rb_iseq_new_with_opt(node, th->base_block->iseq->name,
```

```
file, line, th->base_block->iseq->self,
```

```
-- 1.6.0.4
```

```
=end
```

History

#1 - 01/28/2010 07:41 PM - shyuhei (Shyouhei Urabe)

- Category set to YARV

- Status changed from Open to Assigned

- Assignee set to ko1 (Koichi Sasada)

- Target version set to 1.9.2

```
=begin
```

=end

#2 - 02/02/2010 12:54 AM - naruse (Yui NARUSE)

- Priority changed from 3 to Normal

=begin

=end

#3 - 03/31/2010 02:28 AM - wanabe (_ wanabe)

=begin

~~~~~

```
~~~~~ rb_compile_file ~~~~~IO ~~~~~
~~~~~
```

=end

**#4 - 03/31/2010 11:38 AM - ko1 (Koichi Sasada)**

=begin

(2010/03/31 2:28), \_ wanabe wrote::

```
~~~~~ rb_compile_file ~~~~~IO ~~~~~
~~~~~
```

```
~~~~~IO ~~~~~
~~gets ~~~~~
~~Ruby OK NG ~~~~~
```

# ~~~~~ gets ~~~~~

--

// SASADA Koichi at atdot dot net

=end

**#5 - 03/31/2010 01:15 PM - wanabe (\_ wanabe)**

=begin

~~~~~

NG ~~~~~ SEGV ~~~~~

```
a = [nil]
def a.gets
 raise
end
RubyVM::InstructionSequence.compile(a)
```

```
~~~~~lex_io_gets ~~~~~ rb_io_getline_1 ~~~~~
GetOpenFile ~ RFILE() ~~~~~
src ~ T_FILE ~~~~~
```

```
~~~~~ rb_parser_compile_file ~~~~~file ~ T_FILE ~~~~~
lex_gets ~~~~~rb_io_gets ~~~~~ rb_funca ll ~~~~~ gets ~~~~~
~~~~~
=end
```

**#6 - 03/31/2010 02:38 PM - shyouhei (Shyouhei Urabe)**

=begin

\_ wanabe ~~~~~:

```
~~~~~
NG ~~~~~ SEGV ~~~~~
```

~~~~rb\_compile\_file~~~~~...

Signed-off-by: Urabe, Shyouhei [shyouhei@ruby-lang.org](mailto:shyouhei@ruby-lang.org)

parse.y | 14 ++++++-----  
 2 files changed, 10 insertions(+), 6 deletions(-)

```
diff --git a/iseq.c b/iseq.c
index 77f1497..2cccfcc 100644
--- a/iseq.c
+++ b/iseq.c
@@ -551,6 +551,8 @@ rb_iseq_compile_with_option(VALUE src, VALUE file, VALUE filepath, VALUE line, V
node = rb_compile_file(fn, src, ln);
else
node = rb_compile_string(fn, StringValue(src), ln);

• if (!node)
• rb_exc_raise(GET_THREAD()->errinfo); if (th->base_block && th->base_block->iseq) { return rb_iseq_new_with_opt(node,
th->base_block->iseq->name, file, filepath, line, th->base_block->iseq->self, diff --git a/parse.y b/parse.y index 340a825..438b8f5
100644 --- a/parse.y +++ b/parse.y @@ -5138,6 +5138,12 @@ lex_getline(struct parser_params *parser)
```

```
static const rb_data_type_t parser_data_type;

+static VALUE
+lex_get_generic(struct parser_params *parser, VALUE src)
+{

• return rb_funcall(src, rb_intern("gets"), 0);
+}
+
#ifdef RIPPER
static NODE*
parser_compile_string(volatile VALUE vparser, const char *f, VALUE s, int line)
@@ -5209,7 +5215,7 @@ rb_parser_compile_file(volatile VALUE vparser, const char *f, VALUE file, int st
NODE *node;

TypedData_Get_Struct(vparser, struct parser_params, &parser_data_type, parser);

• lex_gets = lex_io_gets;

• lex_gets = lex_get_generic;
lex_input = file;
lex_pbeg = lex_p = lex_pend = 0;
compile_for_eval = rb_parse_in_eval();
@@ -10319,11 +10325,7 @@ ripper_warningS(struct parser_params *parser, const char *fmt, const char *str)
STR_NEW2(fmt), STR_NEW2(str));
}
```

```
-static VALUE
-ripper_lex_get_generic(struct parser_params *parser, VALUE src)
-{-

• return rb_funcall(src, ripper_id_gets, 0); -} +#define ripper_lex_get_generic lex_get_generic
```

```
static VALUE
ripper_s_allocate(VALUE klass)
--
1.6.0.4

=end
```

**#7 - 03/31/2010 10:29 PM - mame (Yusuke Endoh)**

```
=begin
#####

2010年3月31日 14:38 Urabe Shyouhei shyouhei@ruby-lang.org:
```

```
_wanabe #####:

#####
NG ##### SEGV #####

#####rb_compile_file#####...
```

```
rb_compile_file T_FILE #####
```

```
#####.....
#####IO#gets #####
#####

ripper #####ripper
#####.....
```

```
continuation
```

```
$. /ruby -e '
require "continuation"
$code = "p :foo"
class IO
def gets
callcc {|c| $c = c }
code, $code = $code, nil
code
end
end
load "foo.rb"
$c.call
'
:foo
-e:11: [BUG] Segmentation fault
(1)
```

```
continuation #####
load/require #####
```

```
$ cat foo.rb
p :innocent
```

```
$. /ruby.new -e '
$code = "p :evil"
class IO
def gets
code, $code = $code, nil
code
end
end
```

```
load "foo.rb"
```

```
:evil
```

```
IO#gets #####
wanabe #####T_FILE #####
#####
```

```
--
Yusuke ENDOH mame@tsq.ne.jp
```

```
=end
```

**#8 - 04/01/2010 12:45 AM - shyouhei (Shyouhei Urabe)**

```
=begin
#####
```

```
Yusuke ENDOH #####:
```

```
rb_compile_file T_FILE #####
```

```
gets#####
#####ripperT_FILE#####
```

```
=end
```

**#9 - 04/02/2010 08:49 AM - znz (Kazuhiro NISHIYAMA)**

- Start date set to 01/28/2010

```
=begin
```

=end

**#10 - 04/07/2010 11:48 PM - mame (Yusuke Endoh)**

- Target version changed from 1.9.2 to 2.0.0

=begin

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target □ 1.9.x □□□□□□□□□□□□□□□□□□□□□□

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

**#11 - 04/08/2010 12:53 AM - shyuhei (Shyouhei Urabe)**

=begin

□□□□□□

□□1.9.3□□□□□□target□□□□□□?  
=end

**#12 - 06/26/2012 04:10 AM - ko1 (Koichi Sasada)**

- Description updated

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**#13 - 07/01/2012 10:04 AM - mame (Yusuke Endoh)**

- Status changed from Assigned to Feedback

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

**#14 - 07/01/2012 10:57 PM - Glass\_saga (Masaki Matsushita)**

- File `iseq_io.diff` added  
- File `ripper_with_T_FILE.diff` added

IO□□□□□□□□□□□□□□□□□□□□□□□□□□□□□  
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**#15 - 07/01/2012 11:09 PM - shyuhei (Shyouhei Urabe)**

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Glass\_saga□□□□□□□□□□□□□□□□□□□□□□□□  
<https://github.com/ruby/ruby/pull/136/files>  
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**#16 - 07/10/2012 08:37 PM - shyuhei (Shyouhei Urabe)**

- Status changed from Feedback to Assigned

**#17 - 09/22/2012 08:54 AM - ko1 (Koichi Sasada)**

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**#18 - 10/27/2012 05:14 AM - ko1 (Koichi Sasada)**

- Assignee changed from ko1 (Koichi Sasada) to shyuhei (Shyouhei Urabe)

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**#19 - 10/27/2012 08:30 AM - shyouhei (Shyouhei Urabe)**

ko1 (Koichi Sasada) wrote:

0000000000  
000000000000000000

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0000000000Glass\_Saga000000000000000000000000000000000000

**#20 - 11/24/2012 09:55 AM - mame (Yusuke Endoh)**

- Status changed from Assigned to Closed

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0000 [r37339](#) 00000000000000000000  
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Yusuke Endoh [mame@tsg.ne.jp](mailto:mame@tsg.ne.jp)

**Files**

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|                         |           |            |                                |
|-------------------------|-----------|------------|--------------------------------|
| iseq_io.diff            | 748 Bytes | 07/01/2012 | Glass_saga (Masaki Matsushita) |
| ripper_with_T_FILE.diff | 1.26 KB   | 07/01/2012 | Glass_saga (Masaki Matsushita) |