

Ruby - Bug #1209

duplicate when clauses raise strange exception

02/26/2009 12:18 AM - mame (Yusuke Endoh)

Status:Closed Priority:Normal Assignee: Target version: ruby -v:	Backport:
Description =begin ~~~~~ ~~~~~ when ~~~~~ \$ ruby19 -e 'case "x"; when "x"; when "x"; end' ruby19: method `eq?' called on terminated object (0x826e0f0) (NotImplementedError) [ruby-dev:37959] ~~~~~ ~~~~~ ObjectSpace ~ when ~~~~~ ~~~~~ ~~~~~ when ~~~~~ Index: compile.c --- compile.c (revision 22632) +++ compile.c (working copy) @@ -2271,7 +2271,7 @@ break; } case NODE_STR: • return node->nd_lit; • return rb_str_resurrect(node->nd_lit); } return Qfalse; } -- Yusuke ENDOH mame@tsg.ne.jp =end	

History

#1 - 02/26/2009 02:16 PM - nobu (Nobuyoshi Nakada)

=begin
~~~~~

At Thu, 26 Feb 2009 00:17:40 +0900,  
Yusuke ENDOH wrote in [\[ruby-dev:38079\]](#):

~~~~~ when ~~~~~

\$ ruby19 -e 'case "x"; when "x"; when "x"; end'
ruby19: method `eq?' called on terminated object (0x826e0f0)
(NotImplementedError)

[\[ruby-dev:37959\]](#) ~~~~~
~~~~~ ObjectSpace ~

[illegible]

```
case a = S.new("x")
when "x"
end
p a.literal
'
```

```

000000000000 "x" == a 0000000000000000
a.eql?("x") 000000000000000000000000Hash000
0000000000000000

```

```

--- compile.c (revision 22639)
+++ compile.c (working copy)
@@ -1217,4 +1217,36 @@ iseq_set_local_table(rb_iseq_t *iseq, ID
 }

```

```

• if (val == lit) return 0;
• if (SPECIAL_CONST_P(lit)) {
• return val != lit;
• }
• if (SPECIAL_CONST_P(val) || BUILTIN_TYPE(val) != BUILTIN_TYPE(lit)) {
• return -1;
• }
• if (BUILTIN_TYPE(lit) == T_STRING) {
• return rb_str_hash_cmp(lit, val);
• }
• return !rb_eq(lit, val);
+}

```

- 
- `return (int)FIX2LONG(hval);`
- `}`
- `+}`

- cdhash\_cmp,
- cdhash\_hash,
- +};

```
/**
ruby insn object array -> raw instruction sequence
@@ -1344,4 +1376,5 @@ iseq_set_sequence(rb_iseq_t *iseq, LINK_
VALUE lits = operands[jj];
VALUE map = rb_hash_new();
```

```
• [REDACTED]

for (i=0; i < RARRAY_LEN(lits); i+=2) {
```

```
--
--- Bug
--- Bug
  
```

```
=end
```

## #2 - 02/27/2009 06:37 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed
- % Done changed from 0 to 100

```
=begin
Applied in changeset r22662.
=end
```