

Ruby master - Feature #5000

skip string creation of when clause

07/09/2011 01:33 AM - mame (Yusuke Endoh)

Status:	Closed
Priority:	Normal
Assignee:	mame (Yusuke Endoh)
Target version:	1.9.3
Description	
<pre>when end case str when "foo" when "bar" when "baz" end when String end \$ cat t.rb 5000000.times do case nil when "foo" when "bar" when "baz" end end # \$ time ./ruby.org t.rb real 0m4.561s user 0m4.488s sys 0m0.004s # \$ time ./ruby.new t.rb real 0m2.881s user 0m2.828s sys 0m0.036s when x="foo" when "foo#{x}" make check diff --git a/compile.c b/compile.c index 01c99b6..53149ca 100644 --- a/compile.c +++ b/compile.c @@ -2362,7 +2362,14 @@ when_vals(rb_iseq_t *iseq, LINK_ANCHOR *cond_seq, NODE *vals, LABEL *l1, VALUE s special_literals = Qfalse; } • COMPILE(cond_seq, "when cond", val); • if (nd_type(val) == NODE_STR) { • debugp_param("nd_lit", val->nd_lit); • OBJ_FREEZE(val->nd_lit); • ADD_INSN1(cond_seq, nd_line(val), putobject, val->nd_lit); • } • else {</pre>	

- `COMPILE(cond_seq, "when cond", val);`
- `} ADD_INSN1(cond_seq, nd_line(val), topn, INT2FIX(1)); ADD_SEND(cond_seq, nd_line(val), ID2SYM(idEqq), INT2FIX(1));`
`ADD_INSNL(cond_seq, nd_line(val), branchif, l1);`

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Associated revisions

Revision b88daae7 - 07/10/2011 03:11 AM - mame (Yusuke Endoh)

- `compile.c (when_vals)`: when a string literal is written on when clause, skip string creation to make it faster. [ruby-dev:44068] [Feature #5000]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@32484 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 32484 - 07/10/2011 03:11 AM - mame (Yusuke Endoh)

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History

#1 - 07/10/2011 12:11 PM - mame (Yusuke Endoh)

- *Status changed from Open to Closed*

- *% Done changed from 0 to 100*

This issue was solved with changeset r32484.

Yusuke, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

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