

Ruby trunk - Feature #1374

location of already initialized constant

04/11/2009 11:41 AM - nobu (Nobuyoshi Nakada)

Status:	Closed
Priority:	Normal
Assignee:	nobu (Nobuyoshi Nakada)
Target version:	2.0.0

Description

```
=begin
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```
$ ./ruby -e X=1 -e X=2
-e:2: warning: already initialized constant X at -e:1
```

Index: class.c

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```
--- class.c (revision 23168)
+++ class.c (working copy)
@@ -26,4 +26,5 @@ class_alloc(VALUE flags, VALUE klass)
RCLASS_IV_TBL(obj) = 0;
RCLASS_M_TBL(obj) = 0;
```

- RCLASS_LOC_TBL(obj) = 0; RCLASS_SUPER(obj) = 0; RCLASS_IV_INDEX_TBL(obj) = 0; Index: gc.c
===== --- gc.c (revision 23168) +++ gc.c (working copy) @@ -1552,4 +1552,5 @@ gc_mark_children(rb_objspace_t *objspace mark_tbl(objspace, RCLASS_M_TBL(obj), lev); mark_tbl(objspace, RCLASS_IV_TBL(obj), lev);
- mark_tbl(objspace, RCLASS_LOC_TBL(obj), lev); ptr = RCLASS_SUPER(obj); goto again; Index: variable.c
===== --- variable.c (revision 23168) +++ variable.c (working copy) @@ -1512,4 +1512,12 @@ { return rb_const_get_0(klass, id, Qtrue, Qfalse); +} + +static void +remove_loc(VALUE mod, ID id) +{
- if (RCLASS_LOC_TBL(mod)) {
- st_delete(RCLASS_LOC_TBL(mod), &id, 0);
- }}

```
@@ -1545,4 +1553,5 @@ rb_mod_remove_const(VALUE mod, VALUE nam
val = Qnil;
}
```

- remove_loc(mod, id); return val; } @@ -1712,11 +1721,28 @@ mod_av_set(VALUE klass, ID id, VALUE val) else if (isconst) {
- VALUE value = Qfalse;

- st_data_t value = Qfalse;

```
if (st_lookup(RCLASS_IV_TBL(klass), id, &value)) {
```

- [REDACTED]
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- VALUE file = rb_sourcefile_str();
- if (file) return RSTRING_PTR(file);

- return 0;

```

+}
+
+VALUE
+rb_sourcefile_str(void)
+{
rb_thread_t *th = GET_THREAD();
rb_control_frame_t *cfp = rb_vm_get_ruby_level_next_cfp(th, th->cfp);

if (cfp) {

```

- return RSTRING_PTR(cfp->iseq->filename);
- return cfp->iseq->filename;

```

}
else {

```

Index: include/ruby/intern.h

```

--- include/ruby/intern.h (revision 23168)
+++ include/ruby/intern.h (working copy)
@@ -200,4 +200,5 @@ void rb_check_frozen(VALUE);
int rb_sourcefile(void);
const char *rb_sourcefile(void);
+VALUE rb_sourcefile_str(void);

```

```

#if defined(NFDBITS) && defined(HAVE_RB_FD_INIT)
Index: include/ruby/ruby.h

```

```

=====
--- include/ruby/ruby.h (revision 23168)
+++ include/ruby/ruby.h (working copy)
@@ -581,4 +581,5 @@ typedef struct {
VALUE super;
struct st_table *iv_tbl;

• struct st_table *loc_tbl; } rb_classex_t;

@@ -591,4 +592,5 @@ struct RClass {
#define RCLASS_IV_TBL(c) (RCLASS(c)->ptr->iv_tbl)
#define RCLASS_M_TBL(c) (RCLASS(c)->m_tbl)
+#define RCLASS_LOC_TBL(c) (RCLASS(c)->ptr->loc_tbl)
#define RCLASS_SUPER(c) (RCLASS(c)->ptr->super)
#define RCLASS_IV_INDEX_TBL(c) (RCLASS(c)->iv_index_tbl)

```

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--- Bug
--- Bug
  00 00
=end

```

History

#1 - 09/18/2009 04:49 AM - marcandre (Marc-Andre Lafortune)

- Category set to core

- Assignee set to matz (Yukihiko Matsumoto)

=begin

=end

