

Ruby master - Feature #15338

Provide way for C extensions to query if global variable is defined

11/24/2018 08:21 PM - graywolf (Gray Wolf)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	
Description	
As far as I can tell, there is no way for C extension to check if global variable is defined. I can <code>rb_gv_get</code> , but that produces warning when <code>\$VERBOSE = true</code> .	
Let's introduce third function <code>rb_gv_defined</code> to complement <code>rb_gv_get</code> and <code>rb_gv_set</code> .	
PS: At the moment I'm doing <code>if (RTEST(rb_eval_string("defined?(\$XX) && \$XX")))</code> { ... } but there's got to be a better way, right?	

History

#1 - 11/24/2018 08:42 PM - normalperson (Eric Wong)

<https://bugs.ruby-lang.org/issues/15338>

Let's introduce third function `rb_gv_defined` to complement `rb_gv_get` and `rb_gv_set`.

PS: At the moment I'm doing `if (RTEST(rb_eval_string("defined?($XX) && $XX")))` { ... } but there's got to be a better way, right?

I prefer we avoid adding more bloat to the public C API unless it's a performance critical case. This doesn't seem performance-critical to me.

#2 - 11/25/2018 09:32 AM - nobu (Nobuyoshi Nakada)

As for the implementation, this `rb_gv_defined` will add new ID just by asking if the gv is defined.

Files

0001-Add-rb_gv_defined.patch	3.42 KB	11/24/2018	graywolf (Gray Wolf)
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