

Ruby master - Bug #11230

Should `rb_struct_s_members()` be public API?

06/06/2015 08:06 PM - Eregon (Benoit Daloze)

Status: Open	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.2.2p95 (2015-04-13 revision 50295) [x86_64-linux]	Backport: 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN
Description rb_struct_s_members() is declared in include/ruby/intern.h. However it seems this is a fairly internal API as it returns an hidden Array. For instance, there was a try to specify the behavior in https://github.com/rubinius/rubinius/commit/2642a30c57973987d2a7b7e85b3ce1e78100a31b but that produces only erratic behavior on MRI because that usage is not intended. A valid usage might be: <pre>static VALUE get_struct_member(VALUE self, VALUE obj, VALUE i) { return RARRAY_AREF(rb_struct_s_members(obj), NUM2INT(i)); } p get_struct_member(Struct.new(:a, :bb), 1)</pre> But do we need such access and is it worth exposing a potentially dangerous function like this?	