

## Ruby master - Feature #9513

### Hide Rational internal

02/12/2014 12:00 PM - akr (Akira Tanaka)

<b>Status:</b>	Closed
<b>Priority:</b>	Normal
<b>Assignee:</b>	matz (Yukihiro Matsumoto)
<b>Target version:</b>	
<b>Description</b>	
<p>I'd like to hide C-level Rational internal. I made a patch to do it. This is similar to [Feature #6083] for struct RBignum.</p> <p>If the internal is hidden, we can change it without compatibility problem. For example, we can use GMP.</p> <p>The patch moves struct RRational and related macros to internal.h. It also provides two accessors, rb_rational_num and rb_rational_den and changes ext/bigdecimal/bigdecimal.c and ext/date/date_core.c to use these accessors.</p> <p>How do you think, tadf?</p>	

#### Associated revisions

##### Revision e56d2c38 - 05/17/2014 04:37 PM - akr (Akira Tanaka)

- include/ruby/ruby.h: Hide Rational internal.  
(RRational): Moved to internal.h  
(RRATIONAL): Ditto.  
(RRATIONAL\_SET\_NUM): Moved to rational.c.  
(RRATIONAL\_SET\_DEN): Ditto.
- rational.c (rb\_rational\_num): New function.  
(rb\_rational\_den): Ditto.
- include/ruby/intern.h (rb\_rational\_num): Declared.  
(rb\_rational\_den): Ditto.
- ext/bigdecimal/bigdecimal.c: Follow the above change.
- ext/date/date\_core.c: Ditto.

[ruby-core:60665] [Feature #9513]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@45976 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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## History

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**#1 - 02/12/2014 10:12 PM - normalperson (Eric Wong)**

[akr@fsij.org](mailto:akr@fsij.org) wrote:

This is similar to [Feature #6083] for struct RBignum.

I support hiding more internals. Thank you.  
I hope for 100% opaque data structures for the C-API one day,  
maybe in 3-5 years?

**#2 - 05/02/2014 11:32 AM - tadf (tadayoshi funaba)**

- Status changed from Open to Assigned

- Assignee changed from tadf (tadayoshi funaba) to matz (Yukihiro Matsumoto)

i'm ok.

**#3 - 05/17/2014 06:01 AM - matz (Yukihiro Matsumoto)**

Accepted.

#### #4 - 05/17/2014 04:37 PM - akr (Akira Tanaka)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

Applied in changeset r45976.

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[ruby-core:60665] [Feature [#9513](#)]

#### Files

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hide-rational-internal.patch	5.98 KB	02/12/2014	akr (Akira Tanaka)
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