

Ruby - Bug #14036

Signature of rb_uint2big and rb_int2big

10/20/2017 09:40 PM - Eregon (Benoit Daloze)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:		Backport: 2.3: UNKNOWN, 2.4: UNKNOWN
Description rb_uint2big and rb_int2big are declared as such: <pre>VALUE rb_uint2big(VALUE); VALUE rb_int2big(SIGNED_VALUE);</pre> and VALUE is one of <pre>typedef uintptr_t VALUE; typedef unsigned long VALUE; typedef unsigned LONG_LONG VALUE;</pre> and SIGNED_VALUE similar but without unsigned. Should the signatures actually be: <pre>VALUE rb_uint2big(unsigned long); VALUE rb_int2big(long);</pre> Of course, there is not much difference here. But it seems a bit strange to make this kind of conversion functions taking C integers depend on the bitwidth of VALUE.		
Related issues: Related to Ruby - Bug #15570: rb_int2big signature change #14036 breaks VIM o... Closed		

Associated revisions

Revision d77e8a7da596fc23acd76c785548f6314114f97a - 02/20/2018 08:01 AM - nobu (Nobuyoshi Nakada)

Signature of rb_uint2big and rb_int2big

- include/ruby/ruby.h (rb_uint2big, rb_int2big): declare with uintptr_t and intptr_t instead of VALUE and SIGNED_VALUE respectively. [ruby-core:83424] [Bug #14036]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@62494 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision d77e8a7d - 02/20/2018 08:01 AM - nobu (Nobuyoshi Nakada)

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Revision b2033b8b8418b0c1ceed54bdc170c03dd45d1cf8 - 02/20/2018 09:38 AM - nobu (Nobuyoshi Nakada)

Signature of rb_uint2inum and rb_int2inum

- include/ruby/ruby.h (rb_int2inum, rb_uint2inum): adjust declarations. [ruby-core:83424] [Bug #14036]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@62498 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision b2033b8b - 02/20/2018 09:38 AM - nobu (Nobuyoshi Nakada)

Signature of rb_uint2inum and rb_int2inum

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@62498 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 02/20/2018 07:28 AM - nobu (Nobuyoshi Nakada)

- Description updated

#2 - 02/20/2018 08:01 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset trunk|r62494.

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#3 - 01/29/2019 12:05 PM - vo.x (Vit Ondruch)

- Related to Bug #15570: rb_int2big signature change #14036 breaks VIM on 32b arches added