

Ruby - Bug #634

Time parsing works in 1.8 but not 1.9

10/11/2008 12:02 PM - tenderlovmaking (Aaron Patterson)

Status:	Rejected	
Priority:	Normal	
Assignee:		
Target version:	1.9.1 Release Candidate	
ruby -v:		
Backport:		
Description		
<pre>=begin This works in 1.8, but results in "ArgumentError: argument out of range" in 1.9: require 'time' Time::parse('06/21/95 04:24:34 PM') =end</pre>		

History

#1 - 10/29/2008 01:21 PM - rogerdpack (Roger Pack)

=begin
seems that Date is similarly broken on 1.9, working on 1.8

require 'date'
Date::parse('06/21/95')

~ ruby19 test.rb
/Users/rogerpack/dev/ruby_19_installed/lib/ruby/1.9.0/date.rb:1022:in new_by_fragments: invalid date (ArgumentError) from
/Users/rogerpack/dev/ruby_19_installed/lib/ruby/1.9.0/date.rb:1066:in parse'
from test.rb:2:in ``

=end

#2 - 11/29/2008 04:20 PM - ko1 (Koichi Sasada)

- Assignee set to matz (Yukihiro Matsumoto)

=begin

=end

#3 - 12/11/2008 12:33 PM - yugui (Yuki Sonoda)

- Target version set to 1.9.1 Release Candidate

=begin

=end

#4 - 12/21/2008 12:09 AM - yugui (Yuki Sonoda)

- Due date set to 12/24/2008
- Assignee deleted (matz (Yukihiro Matsumoto))

=begin

=end

#5 - 12/21/2008 02:21 PM - tadf (tadayoshi funaba)

=begin
This is an intentional change (r12859).

=end

#6 - 12/21/2008 02:34 PM - yugui (Yuki Sonoda)

=begin

On 12/21/08 2:13 PM, tadayoshi funaba wrote:

This is an intentional change (r12859).

Can I regard this issue as rejected?

--

Yugui yugui@yugui.jp
<http://yugui.jp>

=end

#7 - 12/21/2008 02:42 PM - tadf (tadayoshi funaba)

=begin

yes, at least this is not a bug, i think.

=end

#8 - 12/21/2008 11:03 PM - yugui (Yuki Sonoda)

- Status changed from Open to Rejected

=begin

=end

#9 - 12/22/2008 04:45 PM - rogerdpack (Roger Pack)

=begin

This is an intentional change (r12859).

Can I regard this issue as rejected?

Seems somewhat surprising to me that

`Date::parse('06/21/95')`

doesn't parse, though I suppose that's better than what 1.8.x currently does:

`irb(main):004:0> Date.parse("08/21/97").to_s`

`=> "0097-08-21"`

Which is definitely bad :)

Should I file these as feature requests to have them work [and guess century].

Also should I file a feature request to change `Time.parse` to raise on failed parse instead of returning `Time.now` [as you can't currently determine if a time parsed successfully or not--at least not easily].

Thanks!

--R

=end

#10 - 12/22/2008 09:50 PM - matz (Yukihiro Matsumoto)

=begin

In message "Re: [\[ruby-core:20779\]](#) Re: [Bug [#634](#)] Time parsing works in 1.8 but not 1.9" on Mon, 22 Dec 2008 16:36:53 +0900, "Roger Pack" rogerpack2005@gmail.com writes:

|

|>> This is an intentional change (r12859).

|>

|> Can I regard this issue as rejected?

|

|Seems somewhat surprising to me that

|`Date::parse('06/21/95')`

|

|doesn't parse, though I suppose that's better than what 1.8.x currently does:

```
|irb(main):004:0> Date.parse("08/21/97").to_s
```

```
|=> "0097-08-21"
```

```
|
```

|Which is definitely bad :)

"dd/dd/dd" format itself is very culture dependent and ambiguous. It is yy/mm/dd in Japan (and other countries), mm/dd/yy in USA, dd/mm/yy in European countries, right? In some cases, you can tell them by accident, but we should not rely on luck in general cases. I believe that is the reason parsing this format is disabled in 1.9.

|Also should I file a feature request to change Time.parse to raise on failed parse instead of returning Time.now [as you can't currently determine if a time parsed successfully or not--at least not easily].

It seems reasonable. You can file a feature request for this issue.

```
matz.
```

```
=end
```

#11 - 04/15/2009 11:36 AM - rogerdpack (Roger Pack)

```
=begin
```

```
should Date.parse("4/30/2009")
```

```
parse in 1.9?
```

```
    Date.parse("4/30/2009")
```

```
    ArgumentError: invalid date
```

```
    ...
```

Thanks!

```
=end
```