

## Ruby master - Bug #12981

### Date.parse raises an ArgumentError under a specific condition

11/26/2016 01:33 PM - kenta-s (Kenta SHIRAI)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b>	
<b>ruby -v:</b> 2.3.3p222 (2016-11-21 revision 56859) [x86_64-linux]	<b>Backport:</b> 2.1: UNKNOWN, 2.2: UNKNOWN, 2.3: UNKNOWN
<b>Description</b> <p>Date.parse cannot accept incomplete strings whose delimiter is a hyphen like: "2016-12", although it can accept if a delimiter is a slash like: "2016/12"</p> <p>I'm not really sure if this is a bug or an expected behavior, but a maintainer of rails/rails recommended me to report this to Ruby team when I issued a PR( <a href="https://github.com/rails/rails/pull/27181">https://github.com/rails/rails/pull/27181</a> ) to them. So I'd appreciate if this issue is looked into.</p> <p>steps to reproduce:</p> <pre>require "date" =&gt; true  Date.parse("2016/12/01") =&gt; #&lt;Date: 2016-12-01 ((2457724j,0s,0n),+0s,2299161j)&gt;  Date.parse("2016-12-01") =&gt; #&lt;Date: 2016-12-01 ((2457724j,0s,0n),+0s,2299161j)&gt;  Date.parse("2016/12") =&gt; #&lt;Date: 2016-12-01 ((2457724j,0s,0n),+0s,2299161j)&gt;  Date.parse("2016-12") ArgumentError: invalid date   from (irb):3:in `parse'   from (irb):3   from /usr/local/bin/irb:11:in `&lt;main&gt;'</pre>	
<b>Related issues:</b> <p>Is duplicate of Ruby master - Bug #12285: Date.iso8601 does not properly hand... <b>Closed</b></p>	

### History

#### #1 - 11/26/2016 01:35 PM - kenta-s (Kenta SHIRAI)

- Description updated

#### #2 - 12/25/2016 08:21 AM - alfiemax (Alfred Dominic)

I see a similar inconsistency in the Date.\_parse method. Everything works fine as expected as long as the / delimiter is used. I think it has something to do with \_parse being able to parse strings with delimiter and one without it.

```
Date._parse("2016/12/01")
=> {:year=>2016, :mon=>12, :mday=>1}
Date._parse("2016-12-01")
=> {:year=>2016, :mon=>12, :mday=>1}
Date._parse("2016/12")
=> {:year=>2016, :mon=>12}
Date._parse("2016-12")
=> {:mon=>20, :mday=>16, :zone=>"-12", :offset=>-43200}
```

#### #3 - 06/24/2019 10:50 PM - jeremyevans0 (Jeremy Evans)

- Is duplicate of Bug #12285: Date.iso8601 does not properly handle partial date strings added

#### #4 - 07/16/2019 12:41 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset [git|75fb0a9afad1685cedee9c7665a7f30ec95068fc](#).

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Allow mday in Date.iso8601 to be omitted

[Bug [#12285](#)]