

## Ruby trunk - Misc #13810

### Inconsistency between Date and Time.strftime("%v")

08/13/2017 02:48 PM - osteele (Oliver Steele)

<b>Status:</b>	Feedback	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Description</b>		
<p>This seems odd. Each function matches its documentation, but the document and implementation of Date.strftime("%v") differs from the documentation and implementations of Time.strftime("%v") and DateTime.strftime("%v").</p>		
<pre>ruby --version ruby 2.4.1p111 (2017-03-22 revision 58053) [x86_64-darwin16]  require 'time'  # https://ruby-doc.org/stdlib-2.4.1/libdoc/date/rdoc/Date.html#method-i-strftime # %v - VMS date (%e-%b-%Y) d = Date.iso8601 "2006-01-02T15:04:05-05:00" puts d.strftime("%v")          # -&gt; 2-Jan-2006 puts d.strftime("%e-%b-%Y")   # -&gt; 2-Jan-2006  # https://ruby-doc.org/stdlib-2.4.1/libdoc/date/rdoc/DateTime.html#method-i-strftime # %v - VMS date (%e-%b-%Y) dt = DateTime.iso8601 "2006-01-02T15:04:05-05:00" puts dt.strftime("%v")        # -&gt; 2-Jan-2006 puts dt.strftime("%e-%b-%Y")  # -&gt; 2-Jan-2006  # https://ruby-doc.org/core-2.4.1/Time.html#method-i-strftime # %v - VMS date (%e-%^b-%4Y) t = Time.iso8601 "2006-01-02T15:04:05-05:00" puts t.strftime("%v")         # 2-JAN-2006 puts t.strftime("%e-%^b-%4Y") # 2-JAN-2006</pre>		
<b>Related issues:</b>		
Related to Ruby trunk - Bug #4662: Date#strftime %v gives allcaps instead of ...		<b>Closed</b> <b>05/10/2011</b>

#### History

##### #1 - 08/14/2017 12:20 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Feedback

At r31672, date changed it but no description or rationale.

- ext/date/date\_strftime(date\_strftime\_with\_tmx): "%v" means "%e-%b-%Y".

Does anybody have any pointers?

##### #2 - 08/14/2017 05:30 PM - osteele (Oliver Steele)

Ruby's Time.strftime method (where %v is equivalent to %e-%^b-%4Y) is compatible with VMS time format, and Date.strftime and DateTime.strftime (where it is equivalent to %e-%b-%Y) are not, according to section 27.1.1 Absolute Time Format of ["OpenVMS Programming Concepts Manual"](#):

The operating system uses the following format for absolute time. [...]

dd-MMM-yyyy hh:mm:ss.cc

[...]

MMM    Month (first 3 characters of the month in uppercase)

##### #3 - 08/14/2017 10:11 PM - wanabe (\_ wanabe)

- Related to Bug #4662: Date#strftime %v gives allcaps instead of normal caps added