

Ruby master - Bug #9414

strftime returns incorrectly encoded string

01/15/2014 03:34 AM - jimsong (Jimmy Song)

Status:	Feedback	
Priority:	Normal	
Assignee:	nobu (Nobuyoshi Nakada)	
Target version:		
ruby -v:	-	Backport: 1.9.3: UNKNOWN, 2.0.0: UNKNOWN, 2.1: UNKNOWN

Description

On French Windows 7 with date set to July 1 2014 (summer daylight savings time):

```
C:\Ruby200\bin>irb
DL is deprecated, please use Fiddle
irb(main):001:0> Time.now.strftime("%Z")
=> "Centre (heure d\x92\xE9t\xE9)"
irb(main):002:0> Time.now.strftime("%Z").encoding
=> #<Encoding:CP850>
irb(main):003:0> puts Time.now.strftime("%Z")
Centre (heure d'ÉtÉ)
=> nil
irb(main):004:0> puts Time.now.strftime("%Z").force_encoding("CP1252")
Centre (heure d'été)
=> nil
irb(main):005:0>
```

It looks like the string that is returned by strftime here does not actually match the encoding that is applied to it? The returned bytes only make sense if interpreted as Windows-1252, not CP850. This is on a clean install of Ruby with no gems added.

History

#1 - 01/15/2014 03:30 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Feedback

What's your system codepage, 850 or 1252?

#2 - 01/15/2014 03:38 PM - nobu (Nobuyoshi Nakada)

- Description updated

#3 - 01/15/2014 03:38 PM - nobu (Nobuyoshi Nakada)

- ruby -v changed from ruby 2.0.0p353 (2013-11-22) [i386-mingw32] to -

Issue [#9414](#) has been updated by Nobuyoshi Nakada.

Status changed from Open to Feedback

What's your system codepage, 850 or 1252?

Bug [#9414](#): strftime returns incorrectly encoded string
<https://bugs.ruby-lang.org/issues/9414#change-44351>

- Author: Jimmy Song
- Status: Feedback
- Priority: Normal
- Assignee: Nobuyoshi Nakada
- Category: platform/mingw
- Target version: current: 2.2.0
- ruby -v: ruby 2.0.0p353 (2013-11-22) [i386-mingw32]
- Backport: 1.9.3: UNKNOWN, 2.0.0: UNKNOWN, 2.1: UNKNOWN ----- On French Windows 7 with date set to July 1 2014 (summer daylight savings time):

```

C:\Ruby200\bin>irb
DL is deprecated, please use Fiddle
irb(main):001:0> Time.now.strftime("%Z")
=> "Centre (heure d\x92\xE9t\xE9)"
irb(main):002:0> Time.now.strftime("%Z").encoding
=> #Encoding:CP850
irb(main):003:0> puts Time.now.strftime("%Z")
Centre (heure d'ÉtÉ)
=> nil
irb(main):004:0> puts Time.now.strftime("%Z").force_encoding("CP1252")
Centre (heure d'été)
=> nil
irb(main):005:0>

```

It looks like the string that is returned by strftime here does not actually match the encoding that is applied to it? The returned bytes only make sense if interpreted as Windows-1252, not CP850. This is on a clean install of Ruby with no gems added.

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<http://bugs.ruby-lang.org/>

#4 - 01/15/2014 03:38 PM - nobu (Nobuyoshi Nakada)

Issue [#9414](#) has been updated by Nobuyoshi Nakada.

Description updated

Bug [#9414](#): strftime returns incorrectly encoded string
<https://bugs.ruby-lang.org/issues/9414#change-44352>

- Author: Jimmy Song
- Status: Feedback
- Priority: Normal
- Assignee: Nobuyoshi Nakada
- Category: platform/mingw
- Target version: current: 2.2.0
- ruby -v: ruby 2.0.0p353 (2013-11-22) [i386-mingw32]
- Backport: 1.9.3: UNKNOWN, 2.0.0: UNKNOWN, 2.1: UNKNOWN ----- On French Windows 7 with date set to July 1 2014 (summer daylight savings time):

```

C:\Ruby200\bin>irb
DL is deprecated, please use Fiddle
irb(main):001:0> Time.now.strftime("%Z")
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irb(main):002:0> Time.now.strftime("%Z").encoding
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irb(main):003:0> puts Time.now.strftime("%Z")
Centre (heure d'ÉtÉ)
=> nil
irb(main):004:0> puts Time.now.strftime("%Z").force_encoding("CP1252")
Centre (heure d'été)
=> nil
irb(main):005:0>

```

It looks like the string that is returned by strftime here does not actually match the encoding that is applied to it? The returned bytes only make sense if interpreted as Windows-1252, not CP850. This is on a clean install of Ruby with no gems added.

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<http://bugs.ruby-lang.org/>

#5 - 01/15/2014 06:18 PM - jim-song (Jimmy Song)

How do I determine the system code page?

#6 - 01/15/2014 06:23 PM - jim-song (Jimmy Song)

Ah, ok, I think I got it:

```

C:\Ruby200\bin>chcp
Page de codes active : 850

```

#7 - 01/15/2014 06:26 PM - jim-song (Jimmy Song)

Issue [#9414](#) has been updated by Jimmy Song.

Bug [#9414](https://bugs.ruby-lang.org/issues/9414#change-44358): strftime returns incorrectly encoded string
<https://bugs.ruby-lang.org/issues/9414#change-44358>

- Author: Jimmy Song
- Status: Feedback
- Priority: Normal
- Assignee: Nobuyoshi Nakada
- Category: platform/mingw
- Target version: current: 2.2.0
- ruby -v: -
- Backport: 1.9.3: UNKNOWN, 2.0.0: UNKNOWN, 2.1: UNKNOWN ----- On French Windows 7 with date set to July 1 2014 (summer daylight savings time):

```
C:\Ruby200\bin>irb
DL is deprecated, please use Fiddle
irb(main):001:0> Time.now.strftime("%Z")
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irb(main):002:0> Time.now.strftime("%Z").encoding
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irb(main):003:0> puts Time.now.strftime("%Z")
Centre (heure d'ÉtÉ)
=> nil
irb(main):004:0> puts Time.now.strftime("%Z").force_encoding("CP1252")
Centre (heure d'été)
=> nil
irb(main):005:0>
```

It looks like the string that is returned by strftime here does not actually match the encoding that is applied to it? The returned bytes only make sense if interpreted as Windows-1252, not CP850. This is on a clean install of Ruby with no gems added.

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<http://bugs.ruby-lang.org/>

#8 - 01/15/2014 06:26 PM - jimsong (Jimmy Song)

Issue [#9414](https://bugs.ruby-lang.org/issues/9414) has been updated by Jimmy Song.

Ah, ok, I think I got it:

```
C:\Ruby200\bin>chcp
Page de codes active : 850
```

Bug [#9414](https://bugs.ruby-lang.org/issues/9414#change-44359): strftime returns incorrectly encoded string
<https://bugs.ruby-lang.org/issues/9414#change-44359>

- Author: Jimmy Song
- Status: Feedback
- Priority: Normal
- Assignee: Nobuyoshi Nakada
- Category: platform/mingw
- Target version: current: 2.2.0
- ruby -v: -
- Backport: 1.9.3: UNKNOWN, 2.0.0: UNKNOWN, 2.1: UNKNOWN ----- On French Windows 7 with date set to July 1 2014 (summer daylight savings time):

```
C:\Ruby200\bin>irb
DL is deprecated, please use Fiddle
irb(main):001:0> Time.now.strftime("%Z")
=> "Centre (heure d\x92\xE9t\xE9)"
irb(main):002:0> Time.now.strftime("%Z").encoding
=> #<Encoding:CP850>
irb(main):003:0> puts Time.now.strftime("%Z")
Centre (heure d'ÉtÉ)
=> nil
irb(main):004:0> puts Time.now.strftime("%Z").force_encoding("CP1252")
Centre (heure d'été)
=> nil
irb(main):005:0>
```

It looks like the string that is returned by strftime here does not actually match the encoding that is applied to it? The returned bytes only make sense if interpreted as Windows-1252, not CP850. This is on a clean install of Ruby with no gems added.

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<http://bugs.ruby-lang.org/>

#9 - 01/05/2018 09:00 PM - naruse (Yui NARUSE)

- *Target version deleted (2.2.0)*