

## Ruby master - Bug #3179

### getc with text mode returns ASCII-8BIT

04/20/2010 09:57 PM - mame (Yusuke Endoh)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> naruse (Yui NARUSE)	
<b>Target version:</b> 1.9.2	
<b>ruby -v:</b> ruby 1.9.2dev (2010-04-20 trunk 27405) [i686-linux]	<b>Backport:</b>

#### Description

```
=begin
#####

#####

# coding: UTF-8
# "###" #####
s = "###"
open("foo.txt", "wb") {|f| f.write(s) }

# IO#read #####
open("foo.txt", "rt") {|f| p f.read } #=> "###"

# getc #####
open("foo.txt", "rt") do |f|
  p f.getc #=> "\xE3"
  p f.getc #=> "\x81"
  p f.getc #=> "\x82"
end

[] getc [] " " " " " " #####
LANG [] ja_JP.UTF-8 []

--
Yusuke Endoh mame@tsg.ne.jp
=end
```

#### History

##### #1 - 04/21/2010 03:27 AM - naruse (Yui NARUSE)

- Status changed from Open to Closed
- % Done changed from 0 to 100

```
=begin
This issue was solved with changeset r27426.
Yusuke, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.
```

```
=end
```

##### #2 - 04/21/2010 10:23 PM - matz (Yukihiro Matsumoto)

```
=begin
#####

#####

miniruby[]LANG#####external_encoding[]ASCII-8BIT[]
[]"\xE3" "\x81" "\x82" #####UTF-8[]
#####
```

```
open("foo.txt", "rt:UTF-8")
```

```
UTF-8
```

In message "Re: [ruby-dev:41023] [Bug #3179] getc with text mode returns ASCII-8BIT"  
on Tue, 20 Apr 2010 21:58:03 +0900, Yusuke Endoh [redmine@ruby-lang.org](mailto:redmine@ruby-lang.org) writes:

```
|
| # coding: UTF-8
| # "UTF-8"
| s = ""
| open("foo.txt", "wb") {|f| f.write(s) }
|
| # IO#read
| open("foo.txt", "rt") {|f| p f.read } #=> ""
|
| # getc
| open("foo.txt", "rt") do |f|
|   p f.getc #=> "\xE3"
|   p f.getc #=> "\x81"
|   p f.getc #=> "\x82"
| end
|
| getc "\x" "\x" "\x"
|LANG ja_JP.UTF-8

=end
```