

Ruby - Bug #5568

IO#set_encoding ignores internal when the same as external only when specified as "ext:int"

11/04/2011 12:49 PM - brixen (Brian Shirai)

Status:	Closed	Backport:
Priority:	Normal	
Assignee:	naruse (Yui NARUSE)	
Target version:		
ruby -v:	ruby 2.0.0dev (2011-10-26 trunk 33526) [x86_64-darwin10.8.0]	
Description		
<p>When passing two encoding objects that are the same to IO#set_encoding, both external and internal encodings for the IO instance are set.</p> <p>However, when passing "ext:int", the internal encoding is not set if the same as external, but a warning is issued. Further, when passing "ext", "int", the internal encoding is not set and no warning is issued.</p> <pre>sasha:rubinius brian\$ ruby2.0 -v -e 'p STDOUT.set_encoding("utf-8:utf-8").internal_encoding' ruby 2.0.0dev (2011-10-26 trunk 33526) [x86_64-darwin10.8.0] -e:1: warning: Ignoring internal encoding utf-8: it is identical to external encoding utf-8 nil</pre> <pre>sasha:rubinius brian\$ ruby2.0 -v -e 'p STDOUT.set_encoding(Encoding::UTF_8, Encoding::UTF_8).internal_encoding' ruby 2.0.0dev (2011-10-26 trunk 33526) [x86_64-darwin10.8.0] #Encoding:UTF-8</pre> <pre>sasha:rubinius brian\$ ruby2.0 -v -e 'p STDOUT.set_encoding("utf-8", "utf-8").internal_encoding' ruby 2.0.0dev (2011-10-26 trunk 33526) [x86_64-darwin10.8.0] nil</pre> <p>Is there a reason for these differences?</p> <p>Thanks, Brian</p>		
Related issues:		
Related to Ruby - Bug #6324: Spurious/incorrect warning on File.open with int...		Closed 04/20/2012

Associated revisions

Revision db83618d2c49cbab8b78e31ecf5a8979895bc5d6 - 03/13/2012 04:03 AM - naruse (Yui NARUSE)

- io.c (io_encoding_set): always warn if external encoding and internal encoding are identical. [ruby-core:40727] [Bug #5568]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@34997 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision db83618d - 03/13/2012 04:03 AM - naruse (Yui NARUSE)

- io.c (io_encoding_set): always warn if external encoding and internal encoding are identical. [ruby-core:40727] [Bug #5568]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@34997 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 11/21/2011 03:09 AM - naruse (Yui NARUSE)

- Category set to M17N
- Status changed from Open to Assigned
- Assignee set to naruse (Yui NARUSE)

#2 - 11/29/2011 09:13 PM - naruse (Yui NARUSE)

- Status changed from Assigned to Rejected

Current behavior is correct.

It means the specifying internal encoding won't effect until external encoding is changed.

#3 - 11/30/2011 03:15 AM - brixen (Brian Shirai)

Why is there a difference in behavior when the arguments are different? In other words, ("ext:int") and (ext, int) do not have the same behavior. That's really the point of this ticket.

#4 - 11/30/2011 04:36 AM - naruse (Yui NARUSE)

- Status changed from Rejected to Assigned

#5 - 03/13/2012 01:03 PM - naruse (Yui NARUSE)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r34997.

Brian, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

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- `io.c (io_encoding_set)`: always warn if external encoding and internal encoding are identical. [\[ruby-core:40727\]](#) [Bug [#5568](#)]