

Ruby trunk - Bug #6566

JSON.dump can generate invalid UTF-8 sequence

06/10/2012 02:48 AM - shyouhei (Shyouhei Urabe)

Status: Assigned	
Priority: Normal	
Assignee: naruse (Yui NARUSE)	
Target version:	
ruby -v: ruby 2.0.0dev (2012-06-09) [x86_64-linux]	Backport: 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN
Description =begin Look, in the following code JSON.dump outputs a sequence invalid as UTF-8. <pre># -- encoding: utf-8 -- require 'json' IO.popen('hexdump -C', 'w') do fp JSON.dump(["\xea"], fp) end</pre> RFC4627 says that to encode JSON as a Unicode is a "SHALL". So this is an RFC violation. =end	

History

#1 - 06/10/2012 07:19 AM - nobu (Nobuyoshi Nakada)

- File bug-6566.diff added

```
=begin  
A bit simpler, it seems wrong that  
JSON.generate(["\xea"]).valid_encoding?  
returns ((false)).
```

I think this would be a bug in json generator, but what should happen in this case? Seems ((convert_UTF8_to_JSON_ASCII())) wants to reject invalid sequence.

```
=end
```

#2 - 06/11/2012 11:11 AM - naruse (Yui NARUSE)

json is not only for 1.9, so nobu's patch is not acceptable.
I made <https://github.com/flori/json/pull/139> .

#3 - 02/17/2013 07:53 PM - naruse (Yui NARUSE)

- Target version changed from 2.0.0 to 2.6

#4 - 12/25/2017 06:15 PM - naruse (Yui NARUSE)

- Target version deleted (2.6)

Files

bug-6566.diff	1.62 KB	06/10/2012	nobu (Nobuyoshi Nakada)
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