

Ruby master - Feature #4551

uri.set_scheme should downcase schemes

04/04/2011 07:35 AM - drbrain (Eric Hodel)

Status:	Closed
Priority:	Normal
Assignee:	drbrain (Eric Hodel)
Target version:	
Description	
=begin From RFC 2396 section 3.1: "For resiliency, programs interpreting URI should treat upper case letters as equivalent to lower case in scheme names (e.g., allow 'HTTP' as well as 'http')." Currently programs using URI for HTTP vs HTTPS protocol check which protocol to use with a comparison like: http.use_ssl = uri.scheme == 'https' Since URI does not modify the input scheme this makes the check fragile. For example: URI.parse('httpS://example').scheme # => "httpS" Since RFC 2396 allows uppercase letters to be treated like lowercase I think #set_scheme should downcase its value. =end	

Associated revisions

Revision 65573857 - 04/11/2012 10:11 PM - drbrain (Eric Hodel)

- lib/uri/generic.rb (module URI): URI now downcases the scheme to follow RFC 2396 section 3.1. [ruby-trunk - Feature #4551]
- test/uri/test_generic.rb (class URI): Test for above

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@35305 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 35305 - 04/11/2012 10:11 PM - drbrain (Eric Hodel)

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History

#1 - 04/06/2011 02:21 PM - naruse (Yui NARUSE)

```
=begin
Your point is reasonable, but it breaks some cases like
s = 'HTTP://example.com/'
URI(s).to_s == s
=end
```

#2 - 03/18/2012 07:25 PM - naruse (Yui NARUSE)

- Description updated
- Status changed from Open to Assigned
- Assignee set to naruse (Yui NARUSE)

#3 - 03/19/2012 09:07 PM - naruse (Yui NARUSE)

- Assignee changed from naruse (Yui NARUSE) to drbrain (Eric Hodel)

I agree with this.
Please commit it.

#4 - 04/12/2012 07:11 AM - drbrain (Eric Hodel)

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

This issue was solved with changeset r35305.
Eric, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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Files

uri.rb.scheme_downcase.patch	929 Bytes	04/04/2011	drbrain (Eric Hodel)
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