

Ruby - Bug #8330

WEBrick::HTTPUtils::parse_query replaces plus (+) with space

04/26/2013 08:18 PM - cdwertmann (Christoph Dwertmann)

Status:	Rejected	
Priority:	Normal	
Assignee:	ayumin (Ayumu AIZAWA)	
Target version:		
ruby -v:	ruby 2.0.0p0 (2013-02-24 revision 39474) [x86_64-darwin12.3.0]	Backport: 1.9.3: UNKNOWN, 2.0.0: UNKNOWN
Description <p>According to RFC1738, the plus character (+) is a reserved character and may be used unencoded within a URL. Webrick however replaces plus signs with spaces, which violates the spec and causes a loss of information. An encoded plus character (%2B) is correctly decoded by Webrick.</p> <p>This bug affects Ruby 1.8, 1.9 and 2.0.</p> <pre>\$ irb irb(main):001:0> require "webrick" => true irb(main):002:0> WEBrick::HTTPUtils::parse_query("a+b c") => {"a b c"=>""} irb(main):003:0> WEBrick::HTTPUtils::parse_query("a%2Bb%20c") => {"a+b c"=>""} irb(main):004:0> ^D</pre>		

History

#1 - 05/03/2013 04:33 PM - ayumin (Ayumu AIZAWA)

I am not sure about RFC, but attached patch could fix this issue.

I want to get feedback from an expert about this.

<https://github.com/ayumin/ruby/commit/179602196f25d1fd7350cfd88a44f0a5c49be3aa>

#2 - 05/03/2013 04:34 PM - ayumin (Ayumu AIZAWA)

- Category set to lib

- Assignee set to ayumin (Ayumu AIZAWA)

#3 - 05/03/2013 04:56 PM - naruse (Yui NARUSE)

- Status changed from Open to Rejected

WEBrick::HTTPUtils::parse_query decodes application/x-www-form-urlencoded; it's encodes " " as "+".

see also <http://url.spec.whatwg.org/#application/x-www-form-urlencoded>