

Ruby - Bug #19153

Since 2.7.7 CGI::Cookie raises ArgumentError when cookie domains is prefixed with a dot

11/26/2022 04:30 PM - cpinto (Celso Pinto)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	ruby 2.7.7p221 (2022-11-24 revision 168ec2b1e5) [arm64-darwin22]	Backport: 2.7: REQUIRED, 3.0: REQUIRED, 3.1: DONE
Description The rspec tests of our Rails app started failing with an ArgumentError after upgrading to 2.7.7. On inspection, the issue seems to be caused by CGI::Cookie.domain=: <pre>def domain=(str) if str and ((str = str.b).bytesize > 255 or !DOMAIN_VALUE_RE.match?(str)) raise ArgumentError, "invalid domain: #{str.dump}" end @domain = str end</pre> Setting a breakpoint: <pre>0> str => ".example.com" 0> DOMAIN_VALUE_RE => /\A(?:!-)[-A-Za-z0-9]+(?:<!-)(?:\g)*\z/ 0> DOMAIN_VALUE_RE.match?(str) => false 0> DOMAIN_VALUE_RE.match?('example.com') => true</pre>		

Associated revisions

Revision 4141989b2aef2993bb19140a4be355d1c68b8be1 - 02/23/2023 03:41 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s)
656f25987cf2885104d5b13c8d3f5b7d32f1b333,98074a57ca9f3169fe9da9af6c49b636d37db16f,745dcf5326ea2c8e2047a3bddeb0fbb7e7d07649,b335d899fff3cc22b022c9ee2ceb636d714bf1a7: [Backport #19153]

[ruby/cgi] Fix test CGI cookie new with domain to pass on older rubies

https://github.com/ruby/cgi/commit/05f0c58048

test/cgi/test CGI cookie.rb | 8 +++---
1 file changed, 4 insertions(+), 4 deletions(-)

[ruby/cgi] Prepare to release 0.3.6

https://github.com/ruby/cgi/commit/710a647855

lib/cgi.rb | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[ruby/cgi] Loosen the domain regex to accept '.'
(https://github.com/ruby/cgi/pull/29)

* Loosen the domain regex to accept '.'

Co-authored-by: Nobuyoshi Nakada <nobu@ruby-lang.org>

https://github.com/ruby/cgi/commit/5e09d632f3

Co-authored-by: Hiroshi SHIBATA <hsbt@ruby-lang.org>

```
---
lib/cgi/cookie.rb      | 2 +-
test/cgi/test CGI cookie.rb | 3 +++
2 files changed, 4 insertions(+), 1 deletion(-)
```

[ruby/cgi] Bump up 0.3.6

<https://github.com/ruby/cgi/commit/827b7d43cc>

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lib/cgi.rb | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
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Revision 4141989b2aef2993bb19140a4be355d1c68b8be1 - 02/23/2023 03:41 AM - nagachika (Tomoyuki Chikanaga)

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656f25987cf2885104d5b13c8d3f5b7d32f1b333,98074a57ca9f3169fe9da9af6c49b636d37db16f,745dcf5326ea2c8e2047a3bddeb0fbb7e7d07649,b335d899fff3cc22b022c9ee2ceb636d714bf1a7: [Backport #19153]

[ruby/cgi] Fix test CGI cookie_new_with_domain to pass on older rubies

<https://github.com/ruby/cgi/commit/05f0c58048>

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test/cgi/test CGI cookie.rb | 8 ++++----
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[ruby/cgi] Bump up 0.3.6

<https://github.com/ruby/cgi/commit/827b7d43cc>

```
---
lib/cgi.rb | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

Revision 4141989b - 02/23/2023 03:41 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s)

656f25987cf2885104d5b13c8d3f5b7d32f1b333,98074a57ca9f3169fe9da9af6c49b636d37db16f,745dcf5326ea2c8e2047a3bddeb0fbb7e7d07649,b335d899fff3cc22b022c9ee2ceb636d714bf1a7: [Backport #19153]

[ruby/cgi] Fix test CGI cookie_new_with_domain to pass on older rubies

<https://github.com/ruby/cgi/commit/05f0c58048>

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test/cgi/test CGI cookie.rb | 8 ++++----
1 file changed, 4 insertions(+), 4 deletions(-)
```

[ruby/cgi] Prepare to release 0.3.6

<https://github.com/ruby/cgi/commit/710a647855>

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lib/cgi.rb | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
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lib/cgi/cookie.rb | 2 +-  
test/cgi/test CGI cookie.rb | 3 +++  
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[ruby/cgi] Bump up 0.3.6
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https://github.com/ruby/cgi/commit/827b7d43cc  
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lib/cgi.rb | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

History

#1 - 11/26/2022 05:00 PM - mame (Yusuke Endoh)

This issue is discussed at <https://github.com/ruby/cgi/pull/29> .

As I wrote in <https://github.com/ruby/cgi/pull/29#issuecomment-1325852303>, RFC 6265 prohibits leading dot for Cookie domain. However, the old spec of Cookie (RFC 2109) required the leading dot. I think it is reasonable to allow leading dots.

[@akr \(Akira Tanaka\)](#) [@naruse \(Yui NARUSE\)](#) What do you think?

#2 - 11/28/2022 04:45 AM - hsbt (Hiroshi SHIBATA)

FYI: <https://github.com/ruby/cgi/pull/29#issuecomment-1328487556>

I released [cgi-0.3.6](#) for this issue. Can you try it with adding "cgi", ">= 0.3.6" in your Gemfile?

#3 - 11/28/2022 04:51 AM - mame (Yusuke Endoh)

mame (Yusuke Endoh) wrote in [#note-1](#):

As I wrote in <https://github.com/ruby/cgi/pull/29#issuecomment-1325852303>, RFC 6265 prohibits leading dot for Cookie domain. However, the old spec of Cookie (RFC 2109) required the leading dot. I think it is reasonable to allow leading dots.

Just for the record: it looks like RFC 6265 allows a leading dot. See <https://github.com/ruby/cgi/pull/29#issuecomment-1328487556>

#4 - 11/28/2022 05:36 AM - hsbt (Hiroshi SHIBATA)

- Status changed from Open to Closed

- Backport changed from 2.7: UNKNOWN, 3.0: UNKNOWN, 3.1: UNKNOWN to 2.7: REQUIRED, 3.0: REQUIRED, 3.1: REQUIRED

#5 - 02/23/2023 03:42 AM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.7: REQUIRED, 3.0: REQUIRED, 3.1: REQUIRED to 2.7: REQUIRED, 3.0: REQUIRED, 3.1: DONE

ruby_3_1 4141989b2aef2993bb19140a4be355d1c68b8be1 merged revision(s)
656f25987cf2885104d5b13c8d3f5b7d32f1b333,98074a57ca9f3169fe9da9af6c49b636d37db16f,745dcf5326ea2c8e2047a3bddeb0fbb7e7d07649,b33
5d899fff3cc22b022c9ee2ceb636d714bf1a7.

#6 - 02/23/2023 03:43 AM - nagachika (Tomoyuki Chikanaga)

Updated the bundled cgi to 0.3.6 on ruby_3_1 branch.