

Ruby 1.8 - Bug #4170

DRb doesn't accept hostnames started with digits

12/19/2010 12:36 AM - dingdeng (Ding Deng)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	
ruby -v:	ruby 1.8.7 (2010-08-16 patchlevel 302) [i486-linux]

Description

```
=begin
With hostnames started with digits (e.g. druby://0x44:47975), DRb will throw "Invalid argument" exceptions:

/usr/lib/ruby/1.8/drbc/drbc.rb:736:in open': druby://0x44:47975 - #<Errno::EINVAL: Invalid argument - connect(2)>
(DRb::DRbConnError)
from /usr/lib/ruby/1.8/drbc/drbc.rb:729:ineach'
from /usr/lib/ruby/1.8/drbc/drbc.rb:729:in open'
from /usr/lib/ruby/1.8/drbc/drbc.rb:1191:in initialize'
from /usr/lib/ruby/1.8/drbc/drbc.rb:1171:in new'
from /usr/lib/ruby/1.8/drbc/drbc.rb:1171:in open'
from /usr/lib/ruby/1.8/drbc/drbc.rb:1087:in method_missing'
from /usr/lib/ruby/1.8/drbc/drbc.rb:1105:in with_friend'
from /usr/lib/ruby/1.8/drbc/drbc.rb:1086:in method_missing'
from /home/0x44/.gem/ruby/1.8/gems/vmail-0.6.4/bin/vmail_client:13:in send'
from /home/0x44/.gem/ruby/1.8/gems/vmail-0.6.4/bin/vmail_client:13
from /home/0x44/.gem/ruby/1.8/bin/vmail_client:19:in `load'
from /home/0x44/.gem/ruby/1.8/bin/vmail_client:19

You may read more about this specific exception here:

https://github.com/danchoi/vmail/issues/issue/16

According to RFC 1123:

The syntax of a legal Internet host name was specified in RFC-952
[DNS:4]. One aspect of host name syntax is hereby changed: the
restriction on the first character is relaxed to allow either a
letter or a digit. Host software MUST support this more liberal
syntax.

Therefore I suspect it a DRb bug. Thanks.
=end
```