Ruby master - Feature #3719
open-uri should allow redirects from http to https
08/19/2010 06:13 PM - hansdegraaff (Hans de Graaff)

Status: Closed
Priority: Normal
Assignee: akr (Akira Tanaka)
Target version: 2.6

Description
=end
Currently open-uri does not allow redirects from http to https. [http://redmine.ruby-lang.org/repositories/revision/1?rev=21381](http://redmine.ruby-lang.org/repositories/revision/1?rev=21381) reverts the ability to redirect between http and https with a note that this may compromise security, but as far as I can tell this is only true for https -> http redirects. Redirecting from http -> https should not pose such security problems and could still be allowed. This can be accomplished by allowing https for the destination URL, but not for the source URL:

def OpenURI.redirectable?(uri1, uri2) #nodoc:
  # This test is intended to forbid a redirection from file://... to
  # file://etc/passwd.
  # However this is ad hoc. It should be extensible/configurable.
  uri1.scheme.downcase == uri2.scheme.downcase ||
  (/^A(?i:https?)$/i =~ uri1.scheme) && (^A(?i:https?)$/i =~ uri2.scheme)
end

I'm seeing this issue with ruby 1.8.7 but the code for ruby 1.9.2 is the same.
=end

History
#1 - 08/27/2010 12:51 PM - shyouhei (Shyouhei Urabe)
- Status changed from Open to Assigned
- Assignee set to akr (Akira Tanaka)

=end

#2 - 04/25/2011 03:34 PM - josephholsten (Joseph Holsten)
I'm still seeing this issue. I like the way this patch works, allowing redirection from http to https but not the other way.

What needs to happen for this to be applied?
=end

#3 - 11/09/2012 05:59 PM - mame (Yusuke Endoh)
- Description updated
- Target version set to 2.6

#4 - 04/04/2013 11:50 PM - akr (Akira Tanaka)
- Parent task set to #859

#5 - 04/05/2015 10:56 AM - gary4gar (Gaurish Sharma)
I am wondering, What's the status of this? if help is required to push this forward. I am willing to help

#6 - 06/02/2017 03:21 PM - cabo (Carsten Bormann)
- Parent task deleted (#859)

With #859 fixed (thank you!), can this now be closed?

#7 - 06/02/2017 03:23 PM - cabo (Carsten Bormann)
(I have no idea why I deleted the parent task, sorry about that.)

#8 - 06/02/2017 03:28 PM - shyouhei (Shyouhei Urabe)
- Status changed from Assigned to Closed

OK, Closing. Thank you.