Add "no_proxy" parameter to Net::HTTP.new

Status: Closed
Priority: Normal
Assignee:
Target version:

Description
Net::HTTP.new currently accepts parameters for proxy host, proxy port, proxy username, and proxy password. It does not accept an argument for non-proxied addresses, and as a result specifying a proxy host will use that proxy unconditionally.

Compare this with the default ENV behavior, which does honor the "no_proxy" env var. So the only way you can set up a proxy AND have it honor non-proxied addresses is to use ENV.

I propose that we add one more trailing argument for non-proxied hosts, since this is an unavoidable part of http proxying.

I would have made the change myself, but it involved a bit more work than just adding the param; the logic for honoring "no_proxy" only exists in the ENV logic, and when specified directly there's no affordance for non-proxied addresses in the rest of net/http.

This might be easier if we make uri/generic.rb's find_proxy accept an optional hash from which to look up these values. Then we just store them in Net::HTTP as a local version of ENV.

Associated revisions
Revision ec7c76c4 - 09/28/2017 10:51 AM - naruse (Yui NARUSE)
URI::Generic: Separate no_proxy handling
To share with Net::HTTP. see #11195

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@60053 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 60053 - 09/28/2017 10:51 AM - naruse (Yui NARUSE)
URI::Generic: Separate no_proxy handling
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Revision c4130b09 - 09/28/2017 10:51 AM - naruse (Yui NARUSE)
Net::HTTP.new: Support no_proxy parameter [Feature #11195]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@60054 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 60054 - 09/28/2017 10:51 AM - naruse (Yui NARUSE)
Net::HTTP.new: Support no_proxy parameter [Feature #11195]

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History

#1 - 05/28/2015 10:38 PM - headius (Charles Nutter)

#2 - 06/27/2016 01:26 PM - chucutke (Tiago Cardoso)
+1, I'm also having issues with this.

#3 - 08/10/2016 03:19 AM - shyouhei (Shyouhei Urabe)
- Status changed from Open to Feedback

We looked at this issue at yesterday's developer meeting. We agreed this feature is good, but sadly no active mentor was there for Net::HTTP.

Maybe could someone propose a patch to implement this?

#4 - 09/16/2016 10:52 AM - roeme (Roman Bigler)
+1, I'm sure this costs quite a few people in $BIGCORPs som time to work around

Shyouhei Urabe wrote:

We looked at this issue at yesterday's developer meeting. We agreed this feature is good, but sadly no active mentor was there for Net::HTTP.

Maybe could someone propose a patch to implement this?

No promises, and an absolute noob when it comes to this, but I'll have a look.

Edit: Sorry for the noise, but I just discovered that the necessary code seems to be present in 2.2.x. Not sure if this could be closed then (backports).

#5 - 10/11/2016 10:49 AM - shyouhei (Shyouhei Urabe)
We looked at this issue in developer meeting today.

This feature is not implemented yet. And attendees wondered if Net::HTTP is the right place to implement no_proxy because it is the lowest layer of HTTP processing in Ruby.

uri/generic has find_proxy already so refactoring this library sounds more reasonable.

Roman, would you mind if I ask you about a pull request (against ruby/ruby), following that way?

#6 - 09/28/2017 10:50 AM - naruse (Yui NARUSE)
- Tracker changed from Bug to Feature
- Backport deleted (2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN)

#7 - 09/28/2017 10:51 AM - naruse (Yui NARUSE)
- Status changed from Feedback to Closed

Applied in changeset trunk/r60054.

Net::HTTP.new: Support no_proxy parameter [Feature #11195]