## Send Accept-Encoding for all HTTP requests

05/25/2012 08:21 AM - drbrain (Eric Hodel)

<table>
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<td>Assignee</td>
<td>drbrain (Eric Hodel)</td>
</tr>
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### Description

This patch builds atop [#6492](#6492) to enable Accept-Encoding by default for all HTTP requests that permit bodies. (Without [#6492](#6492) it will break Net::HTTP.)

This patch moves setting the Accept-Encoding header from Net::HTTP#get to Net::HTTP::GenericRequest#initialize.

### Related issues:

Blocked by Ruby master - Feature #6492: Inflate all HTTP Content-Encoding: de...

### Associated revisions

**Revision b1a0509b - 07/19/2012 10:43 PM - drbrain (Eric Hodel)**

- lib/net/http/response.rb: Automatically inflate gzip and deflate-encoded response bodies. [Feature #6942]
- lib/net/http/generic_request.rb: Automatically accept gzip and deflate content-encoding for requests. [Feature #6494]
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### Revision 36473 - 07/19/2012 10:43 PM - drbrain (Eric Hodel)

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Revision 36473 - 07/19/2012 10:43 PM - drbrain (Eric Hodel)

• NEWS: Updated net/http for automatic proxy detection (#6546) and automatic gzip and deflate compression (#6492, #6494).

Revision 36477 - 07/20/2012 02:05 AM - drbrain (Eric Hodel)

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History

#1 - 05/25/2012 08:22 AM - drbrain (Eric Hodel)

- File net.http.accept_gzip deflate_by_default.patch added

Oops, forgot patch.

#2 - 05/28/2012 08:34 PM - naruse (Yui NARUSE)

This change breaks code which calls initialize with inithread=nil.

• def initialize(m, reqbody, resbody, path, inithread = nil)
• def initialize(m, reqbody, resbody, path, inithread = [])

Following
if @response_has_body and Net::HTTP::HAVE_ZLIB then
  unless initheader.keys.any? { |k| k.downcase == "accept-encoding" }
    initheader = initheader.merge(
      "accept-encoding" => "gzip;q=1.0,deflate;q=0.6,identity;q=0.3"
    )
  end
end

should be

if !initheader || !initheader.keys.any? { |k| k.downcase == "accept-encoding" }
  initheader = initheader ? initheader.dup : {}
  initheader["accept-encoding"] = "gzip;q=1.0,deflate;q=0.6,identity;q=0.3"
end

#3 - 05/30/2012 08:55 AM - drbrain (Eric Hodel)
- File net.http.accept_gzip_deflate_by_default.2.patch added

Why remove the HAVE_ZLIB and @response_has_body checks?

This updated patch incorporates your change to maintain backwards-compatibility but leaves in the HAVE_ZLIB and @response_has_body checks.

#4 - 05/30/2012 09:49 PM - naruse (Yui NARUSE)
drbrain (Eric Hodel) wrote:

Why remove the HAVE_ZLIB and @response_has_body checks?

Ah, I wrongly removed it, it is needed.

This updated patch incorporates your change to maintain backwards-compatibility but leaves in the HAVE_ZLIB and @response_has_body checks.

OK, you can commit it, thanks.

#5 - 05/31/2012 11:11 PM - mame (Yusuke Endoh)
- Status changed from Open to Assigned
- Assignee set to naruse (Yui NARUSE)

#6 - 06/01/2012 09:37 PM - naruse (Yui NARUSE)
- Assignee changed from naruse (Yui NARUSE) to drbrain (Eric Hodel)

#7 - 06/02/2012 08:40 AM - drbrain (Eric Hodel)
I will commit this once #6492 is approved and committed.

#8 - 06/09/2012 07:20 AM - drbrain (Eric Hodel)
- File net.http.accept_gzip_deflate_by_default.3.patch added

Due to feedback from #6492 I have updated this patch to omit Accept-Encoding when Range is supplied in initheader.

I've also added documentation to this patch to describe the new compression behavior.

#9 - 07/20/2012 07:43 AM - drbrain (Eric Hodel)
- Status changed from Assigned to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r36473.

Eric, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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Files

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