Ruby master - Feature #6088
Add Net::ReadTimeout to distinguish which operation failed
02/26/2012 07:14 AM - drbrain (Eric Hodel)

<table>
<thead>
<tr>
<th>Status:</th>
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<tbody>
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<td>Priority:</td>
<td>Normal</td>
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<tr>
<td>Assignee:</td>
<td>drbrain (Eric Hodel)</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
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Description
This relates to #5765 which improves use of timeout in net/ and #6001 which introduces Net::HTTP::OpenTimeout.

This patch introduces Net::ReadTimeout as a subclass of Timeout::Error and raises it when a read operation takes too long. Users may use this to distinguish between timeouts for reading and timeouts for connecting to a remote host. For a read timeout the user may wish to retry the operation.

Related issues:
Related to Ruby master - Bug #5765: [PATCH] modernize Timeout usage in net/[h... Closed 12/15/2011

Associated revisions
Revision ea9b6997 - 04/11/2012 09:20 PM - drbrain (Eric Hodel)

- lib/net/protocol.rb (module Net): Added ReadTimeout to match OpenTimeout. ReadTimeout is now raised by rbuf_fill instead of Timeout::Error to help users distinguish what type of timeout occurred. [ruby-trunk - Feature #6088]
- lib/net/pop.rb (module Net): Updated documentation for ReadTimeout and OpenTimeout.
- lib/net/http.rb (module Net): ditto
- lib/net/smtp.rb (module Net): ditto
- lib/net/telnet.rb (module Net): Net::ReadTimeout is now raised in waitfor to match Net::Protocol.
- test/net/http/test_http.rb: Updated Timeout::Error expectation to Net::ReadTimeout.
- test/net/ftp/test_ftp.rb: ditto

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@35304 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 35304 - 04/11/2012 09:20 PM - drbrain (Eric Hodel)

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History

#1 - 02/26/2012 07:24 AM - drbrain (Eric Hodel)
- File net.modernize_timeout_usage.open_timeout.patch added

The attached patch adds Net::ReadTimeout to Net::Telnet.

#2 - 03/28/2012 12:22 AM - naruse (Yui NARUSE)
I don't object the direction but it should have more document about the new Exception.

#3 - 03/30/2012 01:15 AM - mame (Yusuke Endoh)
- Status changed from Open to Assigned
- Assignee set to drbrain (Eric Hodel)

Drbrain-san
Could you respond to Naruse's comment?

--
Yusuke Endoh mame@tsg.ne.jp

#4 - 03/30/2012 05:23 AM - drbrain (Eric Hodel)
- File net.read_timeout.patch added

I have updated all the documentation for OpenTimeout and ReadTimeout along with the addition of Net::ReadTimeout.

#5 - 03/30/2012 07:57 AM - mame (Yusuke Endoh)
- Assignee changed from drbrain (Eric Hodel) to naruse (Yui NARUSE)

#6 - 03/30/2012 03:31 PM - naruse (Yui NARUSE)
- Assignee changed from naruse (Yui NARUSE) to drbrain (Eric Hodel)
You can commit it.

#7 - 04/12/2012 06:20 AM - drbrain (Eric Hodel)
- Status changed from Assigned to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r35304.
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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<th>Date</th>
<th>Author</th>
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<tr>
<td>net.protocol.read_timeout.patch</td>
<td>1.58 KB</td>
<td>02/26/2012</td>
<td>drbrain (Eric Hodel)</td>
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<tr>
<td>net.modernize_timeout_usage.open_timeout.patch</td>
<td>4.56 KB</td>
<td>02/26/2012</td>
<td>drbrain (Eric Hodel)</td>
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<td>net.read_timeout.patch</td>
<td>6.74 KB</td>
<td>03/30/2012</td>
<td>drbrain (Eric Hodel)</td>
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