Ruby master - Feature #4243

[PATCH] DRb should not forcefully close connections on DRb#stop_service

01/06/2011 11:12 PM - zimbatm (zimbatm)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>seki (Masatoshi Seki)</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
</tr>
</tbody>
</table>

Description

=begin
When DRb#stop_service is called, all connections get terminated by
calling Thread.kill on them. It means that all code that is invoked through
DRb must be exception-safe. This poses the same kind of issues we have
with Kernel#timeout.

This patch changes the behavior of DRb to only kill the accepting
thread, so that no new connections are made. New queries are also
rejected. DRb#stop_service is synchronous and waits for all child-threads
to terminate.

Please note that this patch is quite old, so I may have forgotten some details
of it. It was posted on rubyforge at http://rubyforge.org/tracker/?func=detail&atid=1698&aid=14438&group_id=426.
The new version got imported into git and applies on top of ae3666b30fd723231c0bbc3c33f4603b6e0e0ef0 or svn r30363 (not sure
about the patch format)

This patch can easily be back-ported to 1.8.x since drb.rb hasn't changed much.

Cheers,
zimbatm
=end

History

#1 - 01/13/2011 05:25 PM - usa (Usaku NAKAMURA)
  - Status changed from Open to Assigned
  - Assignee set to seki (Masatoshi Seki)

=begin
=end

#2 - 06/26/2011 04:10 PM - nahi (Hiroshi Nakamura)
  - Target version changed from 1.9.2 to 1.9.3

#3 - 07/11/2011 11:19 PM - mame (Yusuke Endoh)
  - Tracker changed from Bug to Feature

#4 - 07/11/2011 11:19 PM - mame (Yusuke Endoh)
  This ticket is a feature, not a bug. Moving to Feature tracker.
  And the feature proposed introduces incompatibility. We have to
  be careful about the ticket.

--
Yusuke Endoh mame@tsg.ne.jp

#5 - 07/11/2011 11:20 PM - mame (Yusuke Endoh)
  - Target version changed from 1.9.3 to 2.0.0

#6 - 10/27/2012 06:44 AM - ko1 (Koichi Sasada)
I close this ticket. Seki-san said no such problem now.
Please re-open this ticket if the issue is not gone.

Files

<table>
<thead>
<tr>
<th>File Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001-DRb-should-not-forefully-close-connections-on-DRb-st.patch</td>
<td>2.38 KB</td>
<td>01/06/2011</td>
<td>zimbatm (zimba tm)</td>
</tr>
</tbody>
</table>