Redmine - Defect #25829
mysql2 0.3 gem doesn't properly close connections
2017-05-13 00:27 - Pavel Rosický

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Start date:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td>Jean-Philippe Lang</td>
<td>% Done:</td>
<td>0%</td>
</tr>
<tr>
<td>Category:</td>
<td>Gems support</td>
<td>Estimated time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Target version:</td>
<td>3.2.7</td>
<td>Affected version:</td>
<td>2.0.0</td>
</tr>
<tr>
<td>Resolution:</td>
<td>Fixed</td>
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</tr>
</tbody>
</table>

**Description**

Hi,
I found that mysql2 (0.3.21) doesn't properly closing connections.

Our mysql's error logs are full of these warnings

11797 [Warning] Aborted connection 12561 to db: 'test' user: 'test' host: '127.0.0.1' (Got an error reading communication packets)
11798 [Warning] Aborted connection 12561 to db: 'test' user: 'test' host: '127.0.0.1' (Got an error reading communication packets)
11799 [Warning] Aborted connection 12561 to db: 'test' user: 'test' host: '127.0.0.1' (Got an error reading communication packets)
...

it is already fixed, but the change wasn't backported to the 0.3.x branch

[https://github.com/brianmario/mysql2/issues/606](https://github.com/brianmario/mysql2/issues/606)

I can confirm the issue is gone after upgrading to the current version 0.4.6.

This version is still compatible with Ruby 1.9+ and it passes redmine tests. I also run our specs and it looks like everything is ok.

**Notable changes:**

* mysql 8 support
* prepared statements support
* connection.close/shutdown fix
* many bugfixes

**Full changelog:**

[https://github.com/brianmario/mysql2/releases](https://github.com/brianmario/mysql2/releases)

**Associated revisions**

Revision 16553 - 2017-05-13 11:28 - Jean-Philippe Lang

Use mysql2 0.4.6 instead of 0.3 (#25829).

Patch by Pavel Rosický.
Revision 16560 - 2017-05-27 09:32 - Jean-Philippe Lang

Merged r16553 (#25829).

Revision 16561 - 2017-05-27 09:33 - Jean-Philippe Lang

Merged r16553 (#25829).

History

#1 - 2017-05-13 01:26 - Go MAEDA
- Tracker changed from Feature to Defect
- Subject changed from upgrade mysql2 to mysql2 gem doesn't properly close connections
- Target version set to 3.2.7
- Affected version set to 2.0.0

Setting target version to 3.2.7.
I have been observing a significant increase in the number of connections on my environment for years, maybe caused by this issue.

Thank you for detecting and inspecting this issue.

#2 - 2017-05-13 11:29 - Jean-Philippe Lang
- Subject changed from mysql2 gem doesn't properly close connections to mysql2 0.3 gem doesn't properly close connections
- Status changed from New to Resolved
- Assignee set to Jean-Philippe Lang
- Resolution set to Fixed

Patch committed, thanks.

#3 - 2017-05-27 09:33 - Jean-Philippe Lang
- Status changed from Resolved to Closed

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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</thead>
<tbody>
<tr>
<td>Gemfile.patch</td>
<td>508</td>
<td>2017-05-12</td>
<td>Pavel Rosický</td>
</tr>
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