

Redmine - Defect #11685

Can't connect to MySQL server on 'localhost' (10061)

2012-08-23 04:27 - Giovanni Junior

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Documentation	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:	Invalid		
Description			
<p>I got the error "Can't connect to MySQL server on 'localhost' (10061)" when trying to execute migrations on my old Redmine database.</p> <p>After lots of searching I found this page, who solved my problem: https://github.com/brianmario/mysql2/issues/157</p> <p>The problem seems to be that Mysql2 adapter doesn't understand the hostname "localhost". To solve it, I had to replace "localhost" with "127.0.0.1" in database.yml.</p> <p>I think the RedmineInstall guide should warn users to use "127.0.0.7" instead of "localhost" when using the Mysql2 adapter.</p> <p>My configuration: Windows 7 64 bits MySQL 5.5 (or 5.1) 64 bits MySQL Connector C 6.0.2 32 bits Ruby 1.9.3 32 bits Mysql2 gem, version 0.3.11</p>			

History

#1 - 2012-08-23 09:08 - Etienne Massip

- Category changed from Website (redmine.org) to Documentation
- Status changed from New to Closed
- Assignee deleted (Jean-Philippe Lang)
- Priority changed from High to Normal
- Resolution set to Invalid

Actually the problem seems to be that the "localhost" entry has been removed from your hosts file, [probably by MS Windows Defender](#).

Sorry I close this issue as it is not a RM one, please reopen if you're absolutely sure that this is due to the mysql2 adapter unable to resolve localhost and provide a valid reference to the adapter issue.

#2 - 2012-08-23 15:55 - Giovanni Junior

I didn't intend to point out a problem with Redmine itself. I just wanted to help you improve the documentation for users trying to install it, in order to keep the experience as painless as it had always been for me, and to prevent other users from wasting time as I did.

Even if what I described is not a legitimate "issue" of the mysql2 adapter, I still think it could be mentioned in the section of RedmineInstall dedicated specifically to Windows: <http://www.redmine.org/projects/redmine/wiki/RedmineInstall#Notes-on-Windows-installation>

I'm not reopening this issue, as it's your responsibility to decide what deserves to be documented.

#3 - 2012-08-23 16:04 - Giovanni Junior

One more interesting thing: the former mysql adapter works fine with "localhost" on the same environment, as well as other clients. The fact that I had this error only with the mysql2 adapter made the problem trickier.

#4 - 2012-08-23 16:07 - Etienne Massip

Giovanni Junior wrote:

One more interesting thing: the former mysql adapter works fine with "localhost" on the same environment, as well as other clients. The fact that

I had this error only with the mysql2 adapter made the problem trickier.

Did you have a localhost mapping in your hosts file?

#5 - 2012-08-24 00:23 - Giovanni Junior

I read some instructions which mentioned the hosts file, but ignored them, as I never had to edit that file before and "127.0.0.1" was an easier (and less intrusive) solution.

Everything in my hosts file is commented out (I've never changed it).

#6 - 2012-08-24 10:16 - Etienne Massip

Giovanni Junior wrote:

I read some instructions which mentioned the hosts file, but ignored them, as I never had to edit that file before and "127.0.0.1" was an easier (and less intrusive) solution.

Everything in my hosts file is commented out (I've never changed it).

Ok, googling a bit more, here's a different theory: by default, localhost is commented out in W7+ hosts file¹ and IPV6 is the default². As "mysql2 gem does not support IPV6 addresses³", connection won't be established. Then I can only assume that mysql gem supports IPV6 addresses.

If you could confirm it (simply by pinging localhost), it might be worse to add a note in guide about this indeed. BTW, Redmine guide is editable by everyone.

¹ <http://serverfault.com/questions/4689/windows-7-localhost-name-resolution-is-handled-within-dns-itself-why>

² <http://www.victor-ratajczyk.com/post/2012/02/25/mysql-fails-to-resolve-localhost-disable-ipv6-on-windows.aspx>

³ <https://github.com/brianmario/mysql2/issues/279>

#7 - 2012-08-25 00:22 - Giovanni Junior

Ping localhost targets "::1:", meaning IPV6 is being used.

I can't see any icons or links to edit wiki pages...

#8 - 2012-11-16 05:24 - Martin Dubé

- Status changed from Closed to Reopened

I just bang my head for hours trying to figure why I was getting error 10061 with mysql2 on Windows 7 and it turns out the solution was to replace localhost by 127.0.0.1 in database.yml.

I neither can't find how to edit the wiki to add a note about this, so I reopen the issue hoping someone will edit the wiki.

#9 - 2012-12-21 22:21 - Jan Niggemann (redmine.org team member)

- Status changed from Reopened to Resolved

Etienne Massip wrote:

BTW, Redmine guide is editable by everyone.

Not exactly, the page RedmineInstall is locked.

I added the relevant information for Win7+ users from this issue to the wiki page.

#10 - 2013-01-13 23:44 - Jan Niggemann (redmine.org team member)

- Status changed from Resolved to Closed