

Redmine - Defect #42013

Redmine fails to start with error: Unknown database adapter ``mysql2`` found in config/database.yml

2024-12-18 16:01 - Daniel Drexлмаier

| | | | |
|--|--------------|--------------------------|-----------|
| Status: | Closed | Start date: | |
| Priority: | Normal | Due date: | |
| Assignee: | Go MAEDA | % Done: | 0% |
| Category: | Gems support | Estimated time: | 0.00 hour |
| Target version: | 5.1.6 | Affected version: | 5.1.5 |
| Resolution: | Fixed | | |
| Description | | | |
| I use Docker. I testet this with "redmine" and "redmine:5". Testet with 6.0.2 and an 5.1.5. | | | |
| With 5.1.4 it works | | | |
| <pre>Unknown database adapter `mysql2` found in config/database.yml, use Gemfile.local to load your own database gems pml.del.dbe.academy Your Gemfile lists the gem puma (>= 0) more than once. pml.del.dbe.academy You should probably keep only one of them. pml.del.dbe.academy Remove any duplicate entries and specify the gem only once. pml.del.dbe.academy While it's not a problem now, it could cause errors if you change the version of one of them later. pml.del.dbe.academy The Gemfile's dependencies are satisfied pml.del.dbe.academy Unknown database adapter `mysql2` found in config/database.yml, use Gemfile.local to load your own database gems pml.del.dbe.academy rake aborted! pml.del.dbe.academy LoadError: Error loading the 'mysql2' Active Record adapter. Missing a gem it depends on? mysql2 is not part of the bundle. Add it to your Gemfile. (LoadError)</pre> | | | |
| Related issues: | | | |
| Related to Redmine - Defect #41749: Warning during startup: "Unresolved or am... | | Closed | |
| Related to Redmine - Defect #42245: 5.1-stable: Redmine fails to start with e... | | Closed | |

Associated revisions

Revision 23408 - 2024-12-19 02:08 - Go MAEDA

Fix: Allow database adapter name "mysql2" in config/database.yml to be quoted (#42013).

In Redmine 6.0.2 and 5.1.5, due to the change introduced in r23269, using the quoted adapter name ``mysql2`` causes Redmine to fail to start with the error: "Unknown database adapter ``mysql2`` found in config/database.yml".

Revision 23409 - 2024-12-19 02:16 - Go MAEDA

Merged r23408 from trunk to 6.0-stable (#42013).

Revision 23410 - 2024-12-19 02:18 - Go MAEDA

Merged r23408 from trunk to 5.1-stable (#42013).

Revision 23518 - 2025-03-02 08:25 - Go MAEDA

Merged r23408 from trunk to 5.1-stable (#42245, #42013).

History

#1 - 2024-12-18 16:05 - Daniel Drexлмаier

-> <https://github.com/docker-library/redmine/issues/353>

#2 - 2024-12-18 16:05 - Daniel Drexлмаier

-> <https://www.redmine.org/issues/41749#note-14>

#3 - 2024-12-18 16:14 - Anton Derevyagin

Same here, [workaround](#) helped.

Daniel, thank you for the issue and links!

#4 - 2024-12-19 00:52 - Go MAEDA

- Category changed from Database to Gems support
- Target version set to 5.1.6

The following patch fixes the issue.
I am setting the target version to 5.1.6.

```
diff --git a/Gemfile b/Gemfile
index 2f075c6c3..478084c20 100644
--- a/Gemfile
+++ b/Gemfile
@@ -67,11 +67,11 @@ if File.exist?(database_file)

  adapters = database_config.scan(/^ *adapter: *(.*)/).flatten.uniq
  if adapters.any?
    adapters.each do |adapter|
      case adapter.strip
-      when 'mysql2'
+      when /mysql2/
          gem 'mysql2', '~> 0.5.0'
          gem "with_advisory_lock"
      when /postgresql/
          gem 'pg', '~> 1.5.3'
      when /sqlite3/
```

#5 - 2024-12-19 00:52 - Go MAEDA

- Related to Defect #41749: Warning during startup: "Unresolved or ambiguous specs during Gem::Specification.reset" added

#6 - 2024-12-19 01:54 - Katsuya HIDAKA

I tested the patch from [#note-4](#) on Redmine using docker-library/redmine and confirmed it works as expected. The patch in [#note-4](#) seems to resolve the issue.

Specifically, I built the Docker image locally by modifying the Dockerfile in docker-library/redmine to target [this branch](#) and confirmed it works using [the official compose.yml example](#).

#7 - 2024-12-19 02:09 - Go MAEDA

- Subject changed from Unknown database adapter "mysql2" found in config/database.yml to Redmine fails to start with error: Unknown database adapter "mysql2" found in config/database.yml
- Status changed from New to Resolved
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the fix in [r23408](#). Thank you for reporting this issue.

#8 - 2024-12-19 02:19 - Go MAEDA

- Status changed from Resolved to Reopened

Merged the fix into the stable branches in [r23409](#) and [r23410](#).

#9 - 2024-12-19 02:20 - Go MAEDA

- Status changed from Reopened to Closed

#10 - 2025-02-07 07:33 - ken takahashi

I thought this fix was not included in 5.1.6. Could you please confirm?

#11 - 2025-02-10 02:37 - Go MAEDA

- Related to Defect #42245: 5.1-stable: Redmine fails to start with error: Unknown database adapter "mysql2" found in config/database.yml added

#12 - 2025-02-10 02:39 - Go MAEDA

ken takahashi wrote in [#note-10](#):

I thought this fix was not included in 5.1.6. Could you please confirm?

Thank you for your report. I have opened issue [#42245](#) to track this problem.