New issue

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Server freezes when transferring the ownership #10549

Closed 2 of 7 tasks yasuokav opened this issue on Mar 1, 2020 · 27 comments · Fixed by #11438

Labels kind/bug

Milestone 1.11.6

yasuokav commented on Mar 1, 2020 • edited Contributor

- Gitea version (or commit ref): v1.11.1
- Git version: 2.20.1
- Operating system: Debian 10.3
- Database (use `[x]`):
  - ☐ PostgreSQL
  - ☐ MySQL
  - ☐ MSSQL
  - ☑ SQLite
- Can you reproduce the bug at https://try.gitea.io:
  - ☐ Yes (provide example URL)
  - ☑ No
  - ☐ Not relevant
- Log gist:
  When I restart the frozen server:

```
2020/03/01 08:52:10 ...eful/manager_unix.go:133:handleSignals() [W] PID 10968. Received SIGTERM. Shutting down...
2020/03/01 08:52:10 ...eful/server_hooks.go:47:doShutdown() [I] PID: 10968 Listener ([::]:3000) closed.
2020/03/01 08:52:10 ...rvices/pull/check.go:214:TestPullRequests() [I] PID: 10968 Pull Request testing shutdown
2020/03/01 08:52:10 .../ssh/ssh_graceful.go:21:listen() [I] SSH Listener: :23000 Closed
2020/03/01 08:52:10 ...eful/server_hooks.go:47:doShutdown() [I] PID: 10968 Listener ([::]:23000) closed.
2020/03/01 08:53:10 .../graceful/manager.go:184:doHammerTime() [W] Setting Hammer condition
2020/03/01 08:53:10 ...eful/server_hooks.go:64:doHammer() [W] Forcefully shutting down parent
2020/03/01 08:53:10 cmd/web.go:206:runWeb() [I] HTTP Listener: 0.0.0.0:3000 Closed
2020/03/01 08:53:10 routers/user/home.go:132:Dashboard() [E] GetMirrorRepositories: Graceful Manager called Hammer
2020/03/01 08:53:10 ...ters/repo/setting.go:382:SettingsPost() [E] TransferOwnership: GetTeams: Graceful Manager called Hammer
2020/03/01 08:53:10 ...les/context/panic.go:35:1() [E] PANIC:: sync: negative WaitGroup counter
  /usr/local/go/src/sync/waitgroup.go:74 (0x485ee8)
  /usr/local/go/src/sync/waitgroup.go:99 (0x106ac52)
  /go/src/code.gitea.io/gitea/modules/graceful/server.go:253 (0x106ac36)
  /usr/local/go/src/net/http/server.go:387 (0x74af83)
  /usr/local/go/src/bufio/bufio.go:625 (0x5845c3)
  /usr/local/go/src/net/http/server.go:1572 (0x751169)
  /usr/local/go/src/net/http/server.go:1541 (0x750df5)
  /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/response_writer.go:69 (0x9eb136)
  /usr/local/go/src/bytes/buffer.go:239 (0x50c854)
  /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/render.go:575 (0x9ea19a)
  /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/render.go:586 (0x9ea3fa)
  /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:157 (0x9e18a8)
  /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:167 (0xfe9ace)
  /go/src/code.gitea.io/gitea/modules/context/context.go:140 (0xfe9a7a)
  /go/src/code.gitea.io/gitea/modules/context/context.go:186 (0xfea146)
  /go/src/code.gitea.io/gitea/modules/context/context.go:174 (0x16d32e9)
  /go/src/code.gitea.io/gitea/routers/repo/setting.go:382 (0x16d32b9)
  /usr/local/go/src/reflect/value.go:460 (0x497625)
  /usr/local/go/src/reflect/value.go:321 (0x496de3)
  /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:177 (0x9b0829)
  /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:137 (0x9b01d9)
  /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:121 (0x9e13a8)
```

Description

Today I encountered a strange bug. When I transfer a mirror repository, the server freezes until I manually restart it.
I checked the console and log and I don't see any error or warning.
When I re-migrated the same repository from Github and try to transfer it, it succeeded. But the problem with the old repository persisted.

Screenshots

👍 1

lafriks added the kind/bug label on Mar 1, 2020

lafriks commented on Mar 1, 2020 Member

@zeripath could be related to graceful stop

zeripath commented on Mar 2, 2020 Contributor

I suspect that is likely due to the (already fixed in master and release/v1.11) critical issue with deadlock when growing worker pools.

Either:

1. Set the following in the app.ini until 1.11.2 is released:

```
[queue]
BLOCK_TIMEOUT=0
```

2. Upgrade to the release/v1.11 branch
3. Upgrade to the master branch.

We have to release v1.11.2 soon as we are getting more and more of these essentially duplicate issues.

👍 1

yasuokav commented on Mar 2, 2020 Contributor Author

> 1. Set the following in the app.ini until 1.11.2 is released:
>
> ```
> [queue]
> BLOCK_TIMEOUT=0
> ```

I will test it when 1.11.2 is released.

lafriks commented on Mar 4, 2020 Member

Closing as fixed, please reopen if v1.11.2 does not fix it

lafriks closed this as completed on Mar 4, 2020

ngugcx commented on Mar 11, 2020 • edited

Still encounter server freeze problem with v1.11.3 when transferring ownership.
No errors found in the log.

👍 1

zeripath reopened this on Mar 11, 2020

zeripath commented on Mar 11, 2020 Contributor

I suspect that this is because there is a deadlock being caused. It should be fixed in 1.12 due to us now using `BEGIN IMMEDIATE` for SQLite. Could you check on Master to see if it still happens. If it does not we can close this properly.

yasuokav commented on Mar 11, 2020 Contributor Author

I couldn't reproduce the problem in the same repository with v1.11.2.

zeripath commented on Mar 11, 2020 Contributor

It will be an intermittent issue depending on if something locks a table in the intervening period.

ngugcx commented on Mar 11, 2020 • edited

My environment:
Hardware: Virtualbox vm, 2g ram, 1 core.
OS: Ubuntu 18.04
Database: default sqlite
Gitea version: docker container, gitea/gitea:1.11.3, gitea/gitea:1.11.2, then gitrea/gitea:latest
Repo to transfer: There is only one repo, which has about 10,000 commits and size of 20MB.

I transferred the repo from one organization to another organization.
All failed with no errors in both container log and gitea log. The web page timeouted finally, and couldn't recover until restarted.

docker container log:

```
[Macaron] [Static] Serving /vendor/plugins/highlight/highlight.pack.js
[Macaron] 2020-03-11 23:25:04: Completed GET /vendor/plugins/highlight/highlight.pack.js 200 OK in 39.162677ms
[Macaron] 2020-03-11 23:25:08: Started GET /TermOld/openssh-portable/settings for 192.168.123.191
[Macaron] 2020-03-11 23:25:08: Completed GET /TermOld/openssh-portable/settings 200 OK in 63.470745ms
[Macaron] 2020-03-11 23:25:08: Started GET /user/avatar/ngugcx/-1 for 192.168.123.191
[Macaron] 2020-03-11 23:25:08: Completed GET /user/avatar/ngugcx/-1 302 Found in 3.634981ms
[Macaron] 2020-03-11 23:25:18: Started POST /TermOld/openssh-portable/settings for 192.168.123.191
```

gitea log:

```
2020/03/11 23:25:18 .../xorm/session_raw.go:78:queryRows() [I] [SQL] SELECT `id`, `uid`, `repo_id` FROM `star` WHERE `uid`=? AND `repo_id`=? LIMIT 1 []interface {}{1, 1} - took:
34.678µs
2020/03/11 23:25:18 .../xorm/session_raw.go:78:queryRows() [I] [SQL] SELECT `id`, `lower_name`, `name`, `full_name`, `email`, `keep_email_private`,
`email_notifications_preference`, `passwd`, `passwd_hash_algo`, `must_change_password`, `login_type`, `login_source`, `login_name`, `type`, `location`, `website`, `rands`, `salt`,
`language`, `description`, `created_unix`, `updated_unix`, `last_login_unix`, `last_repo_visibility`, `max_repo_creation`, `is_active`, `is_admin`, `allow_git_hook`,
`allow_import_local`, `allow_create_organization`, `prohibit_login`, `avatar`, `avatar_email`, `use_custom_avatar`, `num_followers`, `num_following`, `num_stars`, `num_repos`,
`num_teams`, `num_members`, `visibility`, `repo_admin_change_team_access`, `diff_view_style`, `theme` FROM `user` WHERE (id!=?) AND `lower_name`=? LIMIT 1 []interface {}{0, "term"}
- took: 213.302µs
2020/03/11 23:25:18 .../xorm/session_raw.go:78:queryRows() [I] [SQL] SELECT `id`, `lower_name`, `name`, `full_name`, `email`, `keep_email_private`,
`email_notifications_preference`, `passwd`, `passwd_hash_algo`, `must_change_password`, `login_type`, `login_source`, `login_name`, `type`, `location`, `website`, `rands`, `salt`,
`language`, `description`, `created_unix`, `updated_unix`, `last_login_unix`, `last_repo_visibility`, `max_repo_creation`, `is_active`, `is_admin`, `allow_git_hook`,
`allow_import_local`, `allow_create_organization`, `prohibit_login`, `avatar`, `avatar_email`, `use_custom_avatar`, `num_followers`, `num_following`, `num_stars`, `num_repos`,
`num_teams`, `num_members`, `visibility`, `repo_admin_change_team_access`, `diff_view_style`, `theme` FROM `user` WHERE `lower_name`=? LIMIT 1 []interface {}{"term"} - took:
154.364µs
2020/03/11 23:25:18 .../xorm/session_raw.go:78:queryRows() [I] [SQL] SELECT `id`, `owner_id`, `lower_name`, `name`, `description`, `website`, `original_service_type`,
`original_url`, `default_branch`, `num_watches`, `num_stars`, `num_forks`, `num_issues`, `num_closed_issues`, `num_pulls`, `num_closed_pulls`, `num_milestones`,
`num_closed_milestones`, `is_private`, `is_empty`, `is_archived`, `is_mirror`, `status`, `is_fork`, `fork_id`, `is_template`, `template_id`, `size`, `is_fsck_enabled`,
`close_issues_via_commit_in_any_branch`, `topics`, `avatar`, `created_unix`, `updated_unix` FROM `repository` WHERE `owner_id`=? AND `lower_name`=? LIMIT 1 []interface {}{2,
"openssh-portable"} - took: 118.892µs
2020/03/11 23:25:18 .../xorm/session_raw.go:180:exec() [I] [SQL] UPDATE `repository` SET `owner_id` = ?, `lower_name` = ?, `name` = ?, `default_branch` = ?, `num_watches` = ?,
`size` = ?, `updated_unix` = ? WHERE `id`=? []interface {}{2, "openssh-portable", "openssh-portable", "latestw_all_term", 1, 20964322, 1583969118, 1} - took: 362.932µs
2020/03/11 23:25:18 .../xorm/session_raw.go:85:queryRows() [I] [SQL] SELECT `id`, `repo_id`, `user_id`, `mode` FROM `collaboration` WHERE `repo_id`=? []interface {}{1} - took:
36.948µs
2020/03/11 23:25:18 .../xorm/session_raw.go:85:queryRows() [I] [SQL] SELECT `id`, `org_id`, `team_id`, `repo_id` FROM `team_repo` WHERE `org_id`=? AND `repo_id`=? []interface {}{3,
1} - took: 37.199µs
2020/03/11 23:25:18 .../xorm/session_raw.go:180:exec() [I] [SQL] DELETE FROM `team_repo` WHERE `org_id`=? AND `repo_id`=? []interface {}{3, 1} - took: 90.855µs
2020/03/11 23:25:18 .../xorm/session_raw.go:180:exec() [I] [SQL] UPDATE `team` SET `num_repos` = `num_repos` - ? WHERE `id` IN (?) []interface {}{1, 2} - took: 55.383µs
2020/03/11 23:25:18 .../xorm/session_raw.go:78:queryRows() [I] [SQL] SELECT `id`, `org_id`, `lower_name`, `name`, `description`, `authorize`, `num_repos`, `num_members`,
`includes_all_repositories`, `can_create_org_repo` FROM `team` WHERE (org_id=?) ORDER BY CASE WHEN name LIKE 'Owners' THEN '' ELSE name END []interface {}{2} - took: 156.667µs
```

ngugcx commented on Mar 11, 2020

docker-compose config:

```
version: "3"

networks:
  gitea:
    external: false

services:
  server:
    image: gitea/gitea:latest
    environment:
      - USER_UID=1000
      - USER_GID=1000
    restart: always
    networks:
      - gitea
    volumes:
      - /home/test/gitea:/data
      - /etc/timezone:/etc/timezone:ro
      - /etc/localtime:/etc/localtime:ro
    ports:
      - "3000:3000"
      - "222:22"
```

ngugcx commented on Mar 11, 2020

Tried with a small repo with only 46 commits and size of 155KB, nothing different happened.

guillep2k commented on Mar 11, 2020 Member

@ngugcx We think it's a locking problem that surfaced after we moved a lot of code to background. *If it is in fact that problem*, it will be fixed by #10368. Unfortunately, there's no workaround for it other than:

- Install the current development version from `master` (it can have other bugs, though).
- Compile a patched version of Gitea 1.11.3 yourself after applying the modifications from **Fix SQLite concurrency problems by using BEGIN IMMEDIATE** #10368. In particular, this line.

- Usea different database engine (MariaDB, PostgreSQL, SQL Server).

ry167 commented on Apr 3, 2020 Contributor

Still not fixed as at v1.11.4 where #10368 appears to be merged.

guillep2k commented on Apr 4, 2020 Member

@ry167 Do you use SQLite as well?

ry167 commented on Apr 4, 2020 Contributor

@guillep2k Yep I do. If you think its potentially not to do with that I could try changing database type?

Happy to help debug in any way

guillep2k commented on Apr 4, 2020 Member

@ry167 SQLite allows only one session at a time to hold the database for writing. It's essentially mono-session for writing. That caused us more than one headache in the past, especially since 1.11 introduced background queues to resolve some tasks. If you had been using another kind of database, then we would have known that this is not an SQLite-related issue and we need to look elsewhere for the cause.

This doesn't mean this *is* an SQLite lock issue; only that it's still likely. The changes introduced in #10493 (#10368) aimed to reduce that problem to only edge cases.

As for helping us debugging 😄, maybe you could follow the instructions in this comment and let us know the results?

yasuokav commented on Apr 17, 2020 Contributor Author

Hello. I encountered this issue again in another repository. I can reproduce this issue 100% of the time.

@guillep2k

```
 Goroutine 3197 - User: /go/src/code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3/sqlite3_opt_unlock_notify.go:90 code.gitea.io/gitea/vendor/github.com/mattn/go-
sqlite3.unlock_notify_wait (0xa838a4)
         0  0x0000000000438c00 in runtime.gopark
             at /usr/local/go/src/runtime/proc.go:305
         1  0x000000000040d2a8 in runtime.goparkunlock
             at /usr/local/go/src/runtime/proc.go:310
         2  0x000000000040d2a8 in runtime.chanrecv
             at /usr/local/go/src/runtime/chan.go:524
         3  0x000000000040cf6b in runtime.chanrecv1
             at /usr/local/go/src/runtime/chan.go:406
         4  0x0000000000a838a4 in code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3.unlock_notify_wait
             at /go/src/code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3/sqlite3_opt_unlock_notify.go:90
         5  0x0000000000a72c2b in code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3._cgoexpwrap_de20a310f285_unlock_notify_wait
             at _cgo_gotypes.go:1371
         6  0x0000000000464f5b in runtime.call32
             at /usr/local/go/src/runtime/asm_amd64.s:539
         7  0x000000000040a957 in runtime.cgocallbackg1
             at /usr/local/go/src/runtime/cgocall.go:314
         8  0x000000000040a701 in runtime.cgocallbackg
             at /usr/local/go/src/runtime/cgocall.go:191
         9  0x000000000046652b in runtime.cgocallback_gofunc
             at /usr/local/go/src/runtime/asm_amd64.s:793
        10  0x00000000004663c2 in runtime.asmcgocall
             at /usr/local/go/src/runtime/asm_amd64.s:640

 Goroutine 3328 - User: /go/src/code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3/sqlite3.go:1854 code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3.
(*SQLiteStmt).query.func2 (0xa88294)
        0  0x0000000000438c00 in runtime.gopark
            at /usr/local/go/src/runtime/proc.go:305
        1  0x000000000044870b in runtime.selectgo
            at /usr/local/go/src/runtime/select.go:313
        2  0x0000000000a88294 in code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3.(*SQLiteStmt).query.func2
            at /go/src/code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3/sqlite3.go:1854
        3  0x0000000000466c71 in runtime.goexit
            at /usr/local/go/src/runtime/asm_amd64.s:1357
```

lukeawyatt commented on Apr 17, 2020 Contributor

I can reproduce this as well. This issue has been present for me since version 1.11. My environment is Docker/Sqlite with only me as a user.

guillep2k commented on Apr 18, 2020 Member

@yasuokav That log is missing the rest of the goroutines. 🙁

yasuokav commented on Apr 18, 2020 Contributor Author

@guillep2k I can't find any other useful information.

```
  Goroutine 3197 - User: /go/src/code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3/sqlite3_opt_unlock_notify.go:90 code.gitea.io/gitea/vendor/github.com/mattn/go-
sqlite3.unlock_notify_wait (0xa838a4)
         0  0x0000000000438c00 in runtime.gopark
             at /usr/local/go/src/runtime/proc.go:305
         1  0x000000000040d2a8 in runtime.goparkunlock
             at /usr/local/go/src/runtime/proc.go:310
         2  0x000000000040d2a8 in runtime.chanrecv
             at /usr/local/go/src/runtime/chan.go:524
```

```
          3  0x000000000040cf6b in runtime.chanrecv1
              at /usr/local/go/src/runtime/chan.go:406
          4  0x0000000000a838a4 in code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3.unlock_notify_wait
              at /go/src/code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3/sqlite3_opt_unlock_notify.go:90
          5  0x0000000000a72c2b in code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3._cgoexpwrap_de20a310f285_unlock_notify_wait
              at _cgo_gotypes.go:1371
          6  0x0000000000464f5b in runtime.call32
              at /usr/local/go/src/runtime/asm_amd64.s:539
          7  0x000000000040a957 in runtime.cgocallbackg1
              at /usr/local/go/src/runtime/cgocall.go:314
          8  0x000000000040a701 in runtime.cgocallbackg
              at /usr/local/go/src/runtime/cgocall.go:191
          9  0x000000000046652b in runtime.cgocallback_gofunc
              at /usr/local/go/src/runtime/asm_amd64.s:793
         10  0x00000000004663c2 in runtime.asmcgocall
              at /usr/local/go/src/runtime/asm_amd64.s:640
         (truncated)
  Goroutine 3276 - User: /usr/local/go/src/runtime/netpoll.go:184 internal/poll.runtime_pollWait (0x432f65)
          0  0x0000000000438c00 in runtime.gopark
              at /usr/local/go/src/runtime/proc.go:305
          1  0x000000000043399a in runtime.netpollblock
              at /usr/local/go/src/runtime/netpoll.go:397
          2  0x0000000000432f65 in internal/poll.runtime_pollWait
              at /usr/local/go/src/runtime/netpoll.go:184
          3  0x00000000004d30e5 in internal/poll.(*pollDesc).wait
              at /usr/local/go/src/internal/poll/fd_poll_runtime.go:87
          4  0x00000000004d405f in internal/poll.(*pollDesc).waitRead
              at /usr/local/go/src/internal/poll/fd_poll_runtime.go:92
          5  0x00000000004d405f in internal/poll.(*FD).Read
              at /usr/local/go/src/internal/poll/fd_unix.go:169
          6  0x00000000005547af in net.(*netFD).Read
              at /usr/local/go/src/net/fd_unix.go:202
          7  0x0000000000568d08 in net.(*conn).Read
              at /usr/local/go/src/net/net.go:184
          8  0x000000000107416a in code.gitea.io/gitea/modules/graceful.(*wrappedConn).Read
              at <autogenerated>:1
          9  0x000000000074c548 in net/http.(*connReader).backgroundRead
              at /usr/local/go/src/net/http/server.go:677
         10  0x0000000000466c71 in runtime.goexit
              at /usr/local/go/src/runtime/asm_amd64.s:1357
  Goroutine 3317 - User: /usr/local/go/src/context/context.go:259 context.propagateCancel.func1 (0x52d038)
         0  0x0000000000438c00 in runtime.gopark
             at /usr/local/go/src/runtime/proc.go:305
         1  0x000000000044870b in runtime.selectgo
             at /usr/local/go/src/runtime/select.go:313
         2  0x000000000052d038 in context.propagateCancel.func1
             at /usr/local/go/src/context/context.go:259
         3  0x0000000000466c71 in runtime.goexit
             at /usr/local/go/src/runtime/asm_amd64.s:1357
  Goroutine 3318 - User: /usr/local/go/src/database/sql/sql.go:2002 database/sql.(*Tx).awaitDone (0xa65b7b)
         0  0x0000000000438c00 in runtime.gopark
             at /usr/local/go/src/runtime/proc.go:305
         1  0x000000000040d2a8 in runtime.goparkunlock
             at /usr/local/go/src/runtime/proc.go:310
         2  0x000000000040d2a8 in runtime.chanrecv
             at /usr/local/go/src/runtime/chan.go:524
         3  0x000000000040cf6b in runtime.chanrecv1
             at /usr/local/go/src/runtime/chan.go:406
         4  0x0000000000a65b7b in database/sql.(*Tx).awaitDone
             at /usr/local/go/src/database/sql/sql.go:2002
         5  0x0000000000466c71 in runtime.goexit
             at /usr/local/go/src/runtime/asm_amd64.s:1357
  Goroutine 3328 - User: /go/src/code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3/sqlite3.go:1854 code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3.(*SQLiteStmt).query.func2 (0xa88294)
         0  0x0000000000438c00 in runtime.gopark
             at /usr/local/go/src/runtime/proc.go:305
         1  0x000000000044870b in runtime.selectgo
             at /usr/local/go/src/runtime/select.go:313
         2  0x0000000000a88294 in code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3.(*SQLiteStmt).query.func2
             at /go/src/code.gitea.io/gitea/vendor/github.com/mattn/go-sqlite3/sqlite3.go:1854
         3  0x0000000000466c71 in runtime.goexit
             at /usr/local/go/src/runtime/asm_amd64.s:1357
  Goroutine 3329 - User: /usr/local/go/src/context/context.go:259 context.propagateCancel.func1 (0x52d038)
         0  0x0000000000438c00 in runtime.gopark
             at /usr/local/go/src/runtime/proc.go:305
         1  0x000000000044870b in runtime.selectgo
             at /usr/local/go/src/runtime/select.go:313
         2  0x000000000052d038 in context.propagateCancel.func1
             at /usr/local/go/src/context/context.go:259
         3  0x0000000000466c71 in runtime.goexit
             at /usr/local/go/src/runtime/asm_amd64.s:1357
  Goroutine 3330 - User: /usr/local/go/src/database/sql/sql.go:2729 database/sql.(*Rows).awaitDone (0xa6972c)
         0  0x0000000000438c00 in runtime.gopark
             at /usr/local/go/src/runtime/proc.go:305
         1  0x000000000044870b in runtime.selectgo
             at /usr/local/go/src/runtime/select.go:313
         2  0x0000000000a6972c in database/sql.(*Rows).awaitDone
             at /usr/local/go/src/database/sql/sql.go:2729
         3  0x0000000000466c71 in runtime.goexit
             at /usr/local/go/src/runtime/asm_amd64.s:1357
```

martinburger commented on Apr 25, 2020 • edited

I think I encountered the same issue. When I try to move a repository from organization `A` to `B`, the Gitea server just stalls. Thus, I have to restart Gitea. Please note that I am using latest version `1.11.4` and `sqlite3` as database type.

During shutdown I get the following errors:

```
2020/04/25 18:43:45 ...eful/manager_unix.go:133:handleSignals() [W] PID 9854. Received SIGTERM. Shutting down...
2020/04/25 18:43:45 ...rvices/pull/check.go:214:TestPullRequests() [I] PID: 9854 Pull Request testing shutdown
2020/04/25 18:43:45 ...eful/server_hooks.go:47:doShutdown() [I] PID: 9854 Listener (127.0.0.1:37104) closed.
2020/04/25 18:44:45 .../graceful/manager.go:184:doHammerTime() [W] Setting Hammer condition
2020/04/25 18:44:45 ...eful/server_hooks.go:64:doHammer() [W] Forcefully shutting down parent
2020/04/25 18:44:45 cmd/web.go:206:runWeb() [I] HTTP Listener: 127.0.0.1:37104 Closed
2020/04/25 18:44:45 ...ters/repo/setting.go:382:SettingsPost() [E] TransferOwnership: GetTeams: Graceful Manager called Hammer
2020/04/25 18:44:45 ...les/context/panic.go:35:1() [E] PANIC:: sync: negative WaitGroup counter
        /usr/local/go/src/sync/waitgroup.go:74 (0x485ee8)
        /usr/local/go/src/sync/waitgroup.go:99 (0x1071cc2)
        /go/src/code.gitea.io/gitea/modules/graceful/server.go:253 (0x1071ca6)
        /usr/local/go/src/net/http/server.go:387 (0x74aff3)
        /usr/local/go/src/bufio/bufio.go:625 (0x5845c3)
        /usr/local/go/src/net/http/server.go:1572 (0x7511d9)
        /usr/local/go/src/net/http/server.go:1541 (0x750e65)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/response_writer.go:69 (0x9edc56)
        /usr/local/go/src/bytes/buffer.go:239 (0x50c854)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/render.go:575 (0x9eccba)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/render.go:586 (0x9ecf1a)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:157 (0x9e43c8)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:167 (0xff07be)
        /go/src/code.gitea.io/gitea/modules/context/context.go:140 (0xff076a)
        /go/src/code.gitea.io/gitea/modules/context/context.go:186 (0xff0e36)
        /go/src/code.gitea.io/gitea/modules/context/context.go:174 (0x16e0ef9)
        /go/src/code.gitea.io/gitea/routers/repo/setting.go:382 (0x16e0ec9)
        /usr/local/go/src/reflect/value.go:460 (0x497625)
        /usr/local/go/src/reflect/value.go:321 (0x496de3)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:177 (0x9b3349)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:137 (0x9b2cf9)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:121 (0x9e3ec8)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:112 (0xffd77a)
        /go/src/code.gitea.io/gitea/modules/context/repo.go:751 (0xffd763)
        /usr/local/go/src/reflect/value.go:460 (0x497625)
        /usr/local/go/src/reflect/value.go:321 (0x496de3)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:177 (0x9b3349)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:137 (0x9b2cf9)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:121 (0x9e3ec8)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:112 (0xffbfbc)
        /go/src/code.gitea.io/gitea/modules/context/repo.go:533 (0xffbfa5)
        /usr/local/go/src/reflect/value.go:460 (0x497625)
        /usr/local/go/src/reflect/value.go:321 (0x496de3)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:177 (0x9b3349)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:137 (0x9b2cf9)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:121 (0x9e3ec8)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:112 (0xff9951)
        /go/src/code.gitea.io/gitea/modules/context/panic.go:39 (0xff993d)
        /usr/local/go/src/reflect/value.go:460 (0x497625)
        /usr/local/go/src/reflect/value.go:321 (0x496de3)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:177 (0x9b3349)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:137 (0x9b2cf9)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:121 (0x9e3ec8)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:112 (0xab24c5)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/session/session.go:192 (0xab24b0)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:79 (0x9e3d70)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:157 (0x9b3059)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:135 (0x9b2de8)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:121 (0x9e3ec8)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:112 (0x9f54a9)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/recovery.go:161 (0x9f5497)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/logger.go:40 (0x9e7a43)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:157 (0x9b3059)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:135 (0x9b2de8)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:121 (0x9e3ec8)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:112 (0x9f47e0)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/logger.go:52 (0x9f47cb)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/logger.go:40 (0x9e7a43)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:157 (0x9b3059)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/inject/inject.go:135 (0x9b2de8)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/context.go:121 (0x9e3ec8)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/router.go:187 (0x9f66c6)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/router.go:303 (0x9f00a5)
        /go/src/code.gitea.io/gitea/vendor/gitea.com/macaron/macaron/macaron.go:218 (0x9e8dda)
        /go/src/code.gitea.io/gitea/vendor/github.com/gorilla/context/context.go:141 (0xd36e0d)
        /usr/local/go/src/net/http/server.go:2007 (0x7535c3)
        /usr/local/go/src/net/http/server.go:2802 (0x756a13)
        /usr/local/go/src/net/http/server.go:1890 (0x7523b4)
        /usr/local/go/src/runtime/asm_amd64.s:1357 (0x466c70)

2020/04/25 18:44:45 ...c/net/http/server.go:3056:logf() [I] http: superfluous response.WriteHeader call from code.gitea.io/gitea/vendor/gitea.com/macaron/macaron.
(*responseWriter).WriteHeader (response_writer.go:59)
2020/04/25 18:44:46 .../graceful/manager.go:198:doTerminate() [W] Terminating
2020/04/25 18:44:46 ...er/issues/indexer.go:160:1() [I] PID: 9854 Issue Indexer closed
2020/04/25 18:44:46 cmd/web.go:208:runWeb() [I] PID: 9854 Gitea Web Finished
```

nimo-labs commented on Apr 25, 2020 • edited

Same here, running 1.11.4 and SQLite on debian.
As soon as I try and transfer a repo from one organisation to another Gitea freezes.

Interestingly, `service gitea restart` doesn't work, `service gitea stop` also doesn't work either. However `service gitea stop` followed by `ctrl-c` followed by `kill -9 'PID'` finally leaves me in a position whereby I can restart the service.

zeripath commented on Apr 26, 2020 Contributor

So the panic is because of the forced shutdown during deadlock - in particular during Hammer. It's not the cause but a symptom - and doesn't really provide much more information.

The reason why the panic occurs is as follows:

1. Deadlocked request secondary to deadlocked xorm query.
2. Shutdown tells requests to shutdown - but the deadlocked request remains deadlocked
3. Hammertime happens - we start forcibly reducing the waitgroup counter in order to allow the server to shutdown, and at the same time forcibly start disconnecting xorm connections.
   3a. If the deadlocked xorm connection is broken - then the deadlocked request can end.
4. There's a race between the server waitgroup counter being emptied and the xorm connection
   finishing - clearly in this case the server waitgroup counter is decremented quicker than the xorm connection releases and the request ends.
5. If you try to decrement a waitgroup counter below 0 then you get a panic - which is unprotected in the server close because it's clearly abnormal - but we could add a recovery handler to this.

zeripath mentioned this issue on Apr 26, 2020

Prevent panic during wrappedConn close at hammertime #11219

Merged

lafriks added this to the **1.11.6** milestone on May 16, 2020

lafriks mentioned this issue on May 16, 2020

Use session for retrieving org teams #11438

Merged

lafriks closed this as completed on May 16, 2020

zeripath mentioned this issue on May 25, 2020

Cannot remove user from organization from members page #11628

Closed

7 tasks

ry167 commented on Jun 19, 2020 — Contributor

Can confirm that this works in v1.11.7 - thanks!!

firephreek commented on Sep 14, 2020

Currently using 1.12.0+dev-89-gb264c3039 in a docker container (gitea/gitea:latest) and I'm experiencing this issue when transferring repositories between Organizations. I seem to be able to transfer from User to Org and vice versa as a workaround.

lunny commented on Sep 14, 2020 — Member

@firephreek Could you fire another issue?

👎 1

zeripath commented on Sep 14, 2020 — Contributor

`b264c30` is **889** commits behind master

It is **405** commits behind release/v1.12

and it is **343** commits behind v1.12.0

Please upgrade.

go-gitea locked and limited conversation to collaborators on Nov 23, 2020

Assignees

No one assigned

Labels

kind/bug

Milestone

1.11.6

Development

Successfully merging a pull request may close this issue.

Use session for retrieving org teams
guillep2k/gitea

11 participants