

## Redmine - Defect #33417

### Updating an issue via REST API causes internal server error if invalid project id is specified

2020-05-08 09:44 - Fredrik Fornwall

|  |          |                          |           |
|--|----------|--------------------------|-----------|
| <b>Status:</b>   | Closed   | <b>Start date:</b>       |           |
| <b>Priority:</b>   | Normal   | <b>Due date:</b>         |           |
| <b>Assignee:</b>   | Go MAEDA | <b>% Done:</b>           | 0%        |
| <b>Category:</b>   | REST API | <b>Estimated time:</b>   | 0.00 hour |
| <b>Target version:</b>   | 4.1.2    | <b>Affected version:</b> |           |
| <b>Resolution:</b>   | Fixed    |                          |           |
| <b>Description</b>   |          |                          |           |
| Hello!   |          |                          |           |
| With a redmine instance up and running at <a href="http://localhost:3000">http://localhost:3000</a> , the following request (in <a href="https://requests.readthedocs.io/en/master/">https://requests.readthedocs.io/en/master/</a> syntax, but can be easily translated to other request formats):  |          |                          |           |
| <pre>requests.post('http://user:password@localhost:3000/issues.xml', json={'issue': {'project_id': 0, 'status_id': '', 'tracker_id': 0, 'assigned_to_id': '0'}})</pre>   |          |                          |           |
| results in a 500 Internal Server Error:  |          |                          |           |
| NoMethodError (undefined method `assignable_users' for nil:NilClass):  |          |                          |           |
| <pre>app/models/issue.rb:941:in `assignable_users'<br/>app/models/issue.rb:742:in `validate_issue'<br/>app/controllers/issues_controller.rb:143:in `create'<br/>lib/redmine/sudo_mode.rb:64:in `sudo_mode'</pre>   |          |                          |           |
| This issue was found while trying out <a href="https://meeshkan.com">https://meeshkan.com</a> , our tool under development to automatically scan API using projects for issues, on open source repositories. Feel free to install the Meeshkan github app on <a href="https://github.com/redmine/redmine">https://github.com/redmine/redmine</a> if you are interested in getting more reports from our scans in the future! |          |                          |           |

#### Associated revisions

##### Revision 19777 - 2020-05-14 16:33 - Go MAEDA

Updating an issue via REST API causes internal server error if invalid project id is specified (#33417).

Patch by Go MAEDA.

##### Revision 19779 - 2020-05-16 01:16 - Go MAEDA

Merged r19777 from trunk to 4.1-stable (#33417).

#### History

##### #1 - 2020-05-08 11:33 - Go MAEDA

- Category set to REST API

- Status changed from New to Confirmed

I have confirmed that the reported exception is raised when an invalid project id is given.

## #2 - 2020-05-09 04:31 - Go MAEDA

"POST /issues.(json|xml)" raises exception when the following parameters are given:

1. *Any value* for assigned\_to\_id and an *invalid value* for project\_id.

```
{"issue": {"project_id": 0, "assigned_to_id": "1"}}
```

2. *Any value* for fixed\_version\_id and an *invalid value* for project\_id.

```
{"issue": {"project_id": 0, "fixed_version_id": "1"}}
```

Here is a workaround for this issue:

```
diff --git a/app/models/issue.rb b/app/models/issue.rb
index 487b1b552..e665a46cb 100644
--- a/app/models/issue.rb
+++ b/app/models/issue.rb
@@ -723,7 +723,7 @@ class Issue < ActiveRecord::Base
   errors.add :start_date, :earlier_than_minimum_start_date, :date => format_date(soonest_start)
 end

- if fixed_version
+ if project && fixed_version
   if assignable_versions.include?(fixed_version)
     errors.add :fixed_version_id, :inclusion
     elsif reopening? && fixed_version.closed?
@@ -738,7 +738,7 @@ class Issue < ActiveRecord::Base
   end
 end

- if assigned_to_id_changed? && assigned_to_id.present?
+ if project && assigned_to_id_changed? && assigned_to_id.present?
   unless assignable_users.include?(assigned_to)
     errors.add :assigned_to_id, :invalid
   end
 end
@@ -938,6 +938,8 @@ class Issue < ActiveRecord::Base

   # Users the issue can be assigned to
   def assignable_users
+   return [] if project.nil?
+
     users = project.assignable_users(tracker).to_a
     users << author if author && author.active?
     if assigned_to_id_was.present? && assignee = Principal.find_by_id(assigned_to_id_was)
@@ -949,6 +951,7 @@ class Issue < ActiveRecord::Base
   # Versions that the issue can be assigned to
   def assignable_versions
```

```
return @assignable_versions if @assignable_versions
+ return [] if project.nil?
```

```
versions = project.shared_versions.open.to_a
if fixed_version
```

### #3 - 2020-05-09 08:35 - Go MAEDA

- File 33417.patch added
- Target version set to Candidate for next minor release

Attaching a patch with tests.

### #4 - 2020-05-12 11:57 - Go MAEDA

- Target version changed from Candidate for next minor release to 4.1.2

Setting the target version to 4.1.2.

### #5 - 2020-05-14 16:33 - Go MAEDA

- Subject changed from Internal Server Error in POST to /issues.xml to Updating an issue via REST API causes internal server error if invalid project id is specified
- Status changed from Confirmed to Resolved
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the patch. Thank you for reporting the issue.

### #6 - 2020-05-16 01:17 - Go MAEDA

- Status changed from Resolved to Closed

#### Files

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|             |         |            |          |
|-------------|---------|------------|----------|
| 33417.patch | 2.57 KB | 2020-05-09 | Go MAEDA |
|-------------|---------|------------|----------|