

ChiliProject - Bug # 633: Update from 1.x to 2.x impossible under rare but valid circumstances

Status:	Closed	Priority:	Normal
Author:	Gregor Schmidt	Category:	Journals / History
Created:	2011-09-21	Assignee:	Holger Just
Updated:	2011-10-04	Due date:	

Remote issue URL:

Affected version:

Description: In 1.x WikiContents w/o author where valid. A plugin, we are using - redmine_backlogs - is making use of that fact. When updating to ChiliProject 2.x the migration, that transforms the journals pukes because of that.

I propose to change that migration to assign all WikiContents w/o author to the Anonymous user. This is what is happening automatically when creating WikiContents using the 2.x code base anyway.

Steps to reproduce:

h1. 1. Set up ChiliProject 1.5.x

Clone the git repository if ChiliProject and switch to the stable-1.x branch.
Create config/database.yml

Make sure, to run the following rake tasks.

```
<pre>
rake db:create
rake db:migrate
rake redmine:load_default_data
</pre>
```

h1. 2. Create a Wiki Page programatically

Run the following code in a script/console

```
<pre>
project = Project.create(:name => "Test Project", :identifier => 'test_project')
wiki = project.create_wiki(:start_page => 'Wiki')
page = wiki.pages.build(:title => "Wiki")
page.build_content(:text => "h1. Wiki\n\nWiki Page w/o author")

page.save!
</pre>
```

This was done by a plugin, we are using. Namely redmine_backlogs in
https://github.com/relaxdiego/redmine_backlogs/blob/master/app/models/rb_sprint.rb#L157

h1. 3. Try to update to ChiliProject 2.x

Switch to the master branch and run

```
<pre>
rake db:migrate
</pre>
```

h1. 4. See it break

The following output is generated:

```
<pre>
...

== MergeWikiVersionsWithJournals: migrating =====
rake aborted!
An error has occurred, all later migrations canceled:

Mysql::Error: Column 'user_id' cannot be null: INSERT INTO `journals` (`created_at`, `notes`, `journal_id`,
`user_id`, `version`, `type`, `changes`, `activity_type`) VALUES('2011-09-21 11:55:49', '', 1, NULL, 0,
'WikiContentJournal', NULL, 'wiki_edits')
</pre>
```

Associated revisions

2011-10-04 10:27 am - Gregor Schmidt

[#633] WikiPages may have no author - but should have

Chili 1.x did not enforce the presence of an author for wiki pages, but Chili 2.x does. This migrations fails, if there are WikiPages or Versions without author. By updating the migration, we may ensure, that the erroneous pages are correctly updated.

Signed-off-by: Holger Just <h.just@finn.de>

2011-10-04 11:12 am - Holger Just

[#633] Fix mock of WikiContent::Version for Ruby 1.9

History

2011-09-21 10:33 am - Gregor Schmidt

The script/console code should be

```
<pre>
project = Project.create(:name => "Test Project", :identifier => 'test_project')
project.reload # to make the wiki available
page = project.wiki.pages.build(:title => "Wiki")
page.build_content(:text => "h1. Wiki\n\nWiki Page w/o author")

page.save!
</pre>
```

2011-09-21 11:47 am - Gregor Schmidt

- Status changed from Open to Ready for review

A pull request containing a fix is at <https://github.com/chiliproject/chiliproject/pull/102>.

If update the migration such that the wiki pages, which are invalid in the new version, are fixed before the journal transition is performed. Updating that migration should be save for users of Chili 2.x since, they obviously did not have WikiContents without author.

2011-09-21 12:21 pm - Gregor Schmidt

To clear things up a bit:

WikiContents w/o author are still valid, but somehow, during save, Anonymous or better User.current is assigned as author. I don't know why and how, but I think, this would also deserve some investigation.

Nonetheless, the proposed fix should allow a working transition to Chili 2.x without negative side effects.

2011-09-21 12:55 pm - Holger Just

With an empty author, @acts_as_journalized@ defaults to @User.current@. See

https://github.com/chiliproject/chiliproject/blob/master/vendor/plugins/acts_as_journalized/lib/redmine/acts/journalized/save_hooks.rb#L37 And if you ask me, this is a sensible default.

2011-09-21 01:00 pm - Gregor Schmidt

On the other hand, WikiContent calls init_journal directly and passes an author, which might be nil.

https://github.com/chiliproject/chiliproject/blob/master/app/models/wiki_content.rb#L68

This whole construct seems to be rather fragile. I managed to create a WikiContent where content.journals.map(&:user_id) != content.versions.map(&:user_id) and I don't know how.

2011-10-04 08:37 am - Holger Just

You could argue that an empty author is ALWAYS wrong.

The behavior you observe is however the result of @init_journal@ always being called during before save, irregardless of it being called before by hand. That way, an empty author is currently always set to @User.current@, which, as I said, I consider a good thing.

Anyways, I have merged your patch into master for inclusion into 2.3. Thanks!

2011-10-04 03:04 pm - Holger Just

- Assignee set to Holger Just

- Status changed from Ready for review to Closed