ChiliProject - Bug # 737: Exception raised when changes YAML is invalid

Status:	Needs more information	**Priority:**	Normal
Author:	Peer Allan	**Category:**	Journals / History
Created:	2011-11-28	**Assignee:**	
Updated:	2011-12-01	**Due date:**	

Remote issue URL:	
Affected version:	
Description:	If the Journal#changes serialized column becomes corrupted with invalid YAML a Internal Server Error is raised. Here is the exception: ActiveRecord::SerializationTypeMismatch: changes was supposed to be a Hash, but was a String This affects views in the app and the migrations that update to acts_as_journalized. its is not entirely unexpected that the app would break if the YAML in the Journal#changes column is corrupted. However, it does not degrade nicely and makes the application unusable in any area where the corrupted object is accessed. Plus it was hard to find as the only part of the error shown in the logs was "changes was supposed to be a Hash, but was a String". I had to iterate over every Issue in my system and call Issue#event_type to find the corrupted ones. Fixing the YAML in the database was the workaround fix.

History

2011-11-28 04:50 pm - Felix Schäfer

Do you still have the broken yaml? Inspecting it might yield a clue as to where it got corrupted.

Regarding the graceful degradation, I don't know how easy that would be to achieve, as serialization and deserialization is handled by Rails itself. Care to give us some more information about your setup as described in [[Contribute#Youve-found-a-bug]]? Thanks!

2011-11-28 04:50 pm - Felix Schäfer

- Category set to Journals / History

2011-11-28 04:51 pm - Felix Schäfer

Also, was that a clean or an upgraded install? From which previous version?

2011-11-28 05:19 pm - Peer Allan

This was an upgrade/transition from Redmine 1.2 to Chiliproject 2.3. The journal entry in Chiliproject was for creation of the issue. YAML example is below

<pre>
---
start_date:
-
- 2010-07-19
estimated_hours:
-
-
closed_date:
-
-
priority_id:
-
- 3

created_on:

-

- 2010-07-19 02:28:11 +01:00

project_id:

- 0

- 60

is_private:

- false

- false

root_id:

-

- 16551

lock_version:

- 0

- 0

lft:

-

- 1

fixed_version_id:

-

-

updated_on:

-

- 2010-07-19 02:28:11 +01:00

subject:

- ""

- "this is the subject "

done_ratio:

- 0

- 100

assigned_to_id:

-

- 186

tracker_id:

- 0

- 4

category_id:

-

-

parent_id:

-

-

due_date:

-

-

status_id:

- 1

- 5

description:

- ""

- |

   This is the description and what it looked like,

  but I had to remove confidential information,

I hope this replacement text still helps

```
author_id:
- 0
- 186
rgt:
-
- 2
```

</pre>

2011-12-01 04:53 pm - Felix Schäfer

- Status changed from Open to Needs more information

Which version of ruby were you on when you migrated to ChiliProject 2.x, and which version are you using now?

2011-12-01 05:06 pm - Peer Allan
<pre>
$ ruby -v
ruby 1.8.7 (2011-02-18 patchlevel 334) [x86_64-linux], MBARI 0x6770, Ruby Enterprise Edition 2011.03
</pre>

2011-12-01 05:21 pm - Felix Schäfer
Peer, the description is at fault, at least in the part you've pasted. The 2nd field of the description (with the text in it) has 2 leading spaces, which is not yaml-conform (it should be quoted so a yaml parser doesn't mistake the leading spaces for indentation). Seeing it is the same library doing the exporting and parsing, I can't say how that came to be, in a ChiliProject console the yaml dumper dumps the string correctly.