

ChiliProject - Bug # 627: Trac migration doesn't work with current CP release

Status:	Open	Priority:	Normal
Author:	Chris Dähn	Category:	
Created:	2011-09-15	Assignee:	
Updated:	2011-12-09	Due date:	
Remote issue URL:			
Affected version:			
Description:	Due to changes in the model- and data-wise way the issue histories are stored, the trac migration script is currently unusable.		
	Running the current trac migration script causes it to abort during the ticket import when building the issue history - see discussion https://www.chiliproject.org/boards/1/topics/556 .		
	Here a dump of the migration script:		
	<pre><pre> Migrating components..... Migrating milestones..... Migrating custom fields..... Migrating tickets.rake aborted! unknown attribute: created_on /usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/base.rb:2918:in `assign_attributes' /usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/base.rb:2914:in `each' /usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/base.rb:2914:in `assign_attributes' /usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/base.rb:2787:in `attributes=' /usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/base.rb:2477:in `initialize' /opt/chiliproject/lib/tasks/migrate_from_trac.rake:488:in `new' /opt/chiliproject/lib/tasks/migrate_from_trac.rake:488:in `migrate' /usr/lib/ruby/gems/1.8/gems/activesupport-2.3.12/lib/active_support/ordered_hash.rb:115:in `each' /usr/lib/ruby/gems/1.8/gems/activesupport-2.3.12/lib/active_support/ordered_hash.rb:115:in `each' /opt/chiliproject/lib/tasks/migrate_from_trac.rake:483:in `migrate' /usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/batches.rb:26:in `find_each' /usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/batches.rb:26:in `each' /usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/batches.rb:26:in `find_each' /usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/batches.rb:66:in `find_in_batches' /usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/batches.rb:25:in `find_each' /opt/chiliproject/lib/tasks/migrate_from_trac.rake:458:in `migrate' /opt/chiliproject/lib/tasks/migrate_from_trac.rake:762 /usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:205:in `call' /usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:205:in `execute' /usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:200:in `each' /usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:200:in `execute' /usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:158:in `invoke_with_call_chain' /usr/lib/ruby/1.8/monitor.rb:242:in `synchronize' /usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:151:in `invoke_with_call_chain' /usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:144:in `invoke' /usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:112:in `invoke_task' /usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:90:in `top_level' /usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:90:in `each' /usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:90:in `top_level' /usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:129:in `standard_exception_handling' /usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:84:in `top_level'</pre>		

```
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:62:in `run'  
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:129:in `standard_exception_handling'  
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:59:in `run'  
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/bin/rake:32  
/usr/bin/rake:19:in `load'  
/usr/bin/rake:19  
Tasks: TOP => redmine:migrate_from_trac  
</pre>
```

A Trac db dump will be provided within the next days.

Associated revisions

2008-02-16 02:19 pm - Jean-Philippe Lang

Added the following permissions (#527, #585, #627):

- * edit_issue_notes: let user edit any notes
- * edit_own_issue_notes: let user edit his own notes only

git-svn-id: http://redmine.rubyforge.org/svn/trunk@1152_e93f8b46-1217-0410-a6f0-8f06a7374b81

History

2011-09-16 09:24 pm - Chris Dähn

Besides:

If this bug is worked around by using an old CP 1.5.2 release and then upgrading to CP 2.1.1, the database migration - in my case - failed with this error:

(currently I don't know where to place this problem, so this can/should be move accordingly)

```
<pre>  
chiliproject:/opt/chiliproject # rake --trace db:migrate RAILS_ENV=production  
** Invoke db:migrate (first_time)  
** Invoke environment (first_time)  
** Execute environment  
** Execute db:migrate  
== 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`, `journalized_id`, `user_id`, `version`, `type`, `changes`,  
`activity_type`) VALUES('2007-08-07 17:29:48', NULL, 114, NULL, 0, 'WikiContentJournal', NULL, 'wiki_edits')  
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/connection_adapters/abstract_adapter.rb:227:in `log'  
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/connection_adapters/mysql_adapter.rb:324:in `execute'  
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/connection_adapters/abstract/database_statements.rb:259:in `insert_sql'  
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/connection_adapters/mysql_adapter.rb:334:in `insert_sql'  
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/connection_adapters/abstract/database_statements.rb:44:in  
`insert_without_query_dirty'  
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/connection_adapters/abstract/query_cache.rb:19:in `insert'  
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/base.rb:2961:in `create_without_timestamps'  
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/timestamp.rb:53:in `create_without_callbacks'  
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/callbacks.rb:266:in `create'  
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/base.rb:2927:in `create_or_update_without_callbacks'  
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/callbacks.rb:250:in `create_or_update'  
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/base.rb:2594:in `save_without_validation'  
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/validations.rb:1100:in `save_without_dirty!'
```

```

/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/dirty.rb:87:in `save_without_transactions!'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/transactions.rb:200:in `save!'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/connection_adapters/abstract/database_statements.rb:136:in `transaction'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/transactions.rb:182:in `transaction'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/transactions.rb:200:in `save!'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/transactions.rb:208:in `rollback_active_record_state!'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/transactions.rb:200:in `save!'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/validations.rb:1071:in `create!'
./db/migrate//20100804112053_merge_wiki_versions_with_journals.rb:28:in `up_without_benchmarks'
./db/migrate//20100804112053_merge_wiki_versions_with_journals.rb:27:in `each'
./db/migrate//20100804112053_merge_wiki_versions_with_journals.rb:27:in `up_without_benchmarks'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/migration.rb:282:in `send'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/migration.rb:282:in `migrate'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/migration.rb:282:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/migration.rb:365:in `__send__'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/migration.rb:365:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/migration.rb:491
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/migration.rb:567:in `call'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/migration.rb:567:in `ddl_transaction'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/migration.rb:490:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/migration.rb:477:in `each'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/migration.rb:477:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/migration.rb:401:in `up'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.12/lib/active_record/migration.rb:383:in `migrate'
/usr/lib/ruby/gems/1.8/gems/rails-2.3.12/lib/tasks/databases.rake:112
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:205:in `call'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:205:in `execute'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:200:in `each'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:200:in `execute'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:158:in `invoke_with_call_chain'
/usr/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:151:in `invoke_with_call_chain'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/task.rb:144:in `invoke'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:112:in `invoke_task'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:90:in `top_level'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:90:in `each'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:90:in `top_level'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:129:in `standard_exception_handling'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:84:in `top_level'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:62:in `run'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:129:in `standard_exception_handling'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/lib/rake/application.rb:59:in `run'
/usr/lib/ruby/gems/1.8/gems/rake-0.9.2/bin/rake:32
/usr/bin/rake:19:in `load'
/usr/bin/rake:19
Tasks: TOP => db:migrate
</pre>

```

2011-09-17 12:49 pm - Felix Schäfer

This is strange. Do you have wiki pages that were created by subsequently deleted users on the trac instance? Can you confirm that you have wiki_versions in the imported DB before the migration that have an empty @user_id@ field?

2011-09-18 07:24 pm - Chris Dähn

You're right: One entry had a NULL value for author_id - thanks to an old Trac plugin which used a non existent user name as author. If fixed that entry and rerun the migration successful.

Thanks again Felix!

2011-12-07 03:22 am - Guillaume Bourque

Hi all,

since the migration is not working well, what is the best way to import from old trac ?

Here is my setup, I have a chiliproject installation 2.4 running with multiple project fine.

I have ~5 trac to migrate to this setup, what is the simplest way to go there ?

Pop in a new Chiliproject install v. 1.5 on some other server migrate the trac there and then import those project from my chiliproject 1.4 to my production chiliproject 2.4 ?

If that make sense how to I move a project from CP 1.4 to CP 2.4 ? I can plys with mysqldump no problem but would need some help.

Thanks for any recommendations.

Guillaume

2011-12-09 02:48 pm - Felix Schäfer

Salut Guillaume,

Guillaume Bourque wrote:

> since the migration is not working well, what is the best way to import from old trac ?

The best way would be to fix the importer :-) There are some starting points in #516, see if you can help there, biggest help would be a Trac DB I could use to test the importer.

> If that make sense how to I move a project from CP 1.4 to CP 2.4 ?

That won't work as there currently is no easy or predictably working well way to merge 2 ChiliProjects, even less import only one project from one to the other :-/