

## ChiliProject - Bug # 516: Issue with Trac migration: "TracMigrate is not missing constant TracTicketChange!"

<b>Status:</b>	Open	<b>Priority:</b>	Normal
<b>Author:</b>	Scott Bigelo	<b>Category:</b>	
<b>Created:</b>	2011-07-08	<b>Assignee:</b>	Felix Schäfer
<b>Updated:</b>	2012-04-28	<b>Due date:</b>	
<b>Remote issue URL:</b>			
<b>Affected version:</b>	2.0.0		
<b>Description:</b>	<p>I have successfully installed ChiliProject on CentOS using the provided instructions, but when I attempt to convert my trac installation (which I've converted using redmine earlier today), I get this error (from `rake redmine:migrate_from_trac RAILS_ENV="development"`):</p> <pre>Migrating components..... Migrating milestones..... Migrating custom fields Migrating tickets.rake aborted!  TracMigrate is not missing constant TracTicketChange! /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_support/dependencies.rb:443:in `load_missing_constant' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_support/dependencies.rb:106:in `const_missing' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_support/dependencies.rb:124:in `send' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_support/dependencies.rb:124:in `const_missing' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/base.rb:1:in `compute_type' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_support/core_ext/kernel/reporting .rb:11:in `silence_warnings' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/base.rb:2234:in `compute_type' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/reflection.rb:156:in `send' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/reflection.rb:156:in `klass' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/reflection.rb:187:in `quoted_table_name' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/associations/has_many_as sociation.rb:97:in `construct_sql' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/associations/association_co llection.rb:21:in `initialize' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/associations.rb:1306:in `new' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/associations.rb:1306:in `changes' /root/chiliproject-2.0.0/lib/tasks/migrate_from_trac.rake:483:in `migrate' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/batches.rb:26:in `find_each' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/batches.rb:26:in `each' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/batches.rb:26:in `find_each' /usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/batches.rb:66:in `find_in_batches'</pre>		

```
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/activerecord-2.3.12/lib/active_record/batches.rb:25:in
`find_each'
/root/chiliproject-2.0.0/lib/tasks/migrate_from_trac.rake:458:in `migrate'
/root/chiliproject-2.0.0/lib/tasks/migrate_from_trac.rake:762
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/task.rb:205:in `call'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/task.rb:205:in `execute'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/task.rb:200:in `each'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/task.rb:200:in `execute'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/task.rb:158:in `invoke_with_call_chain'
/usr/local/rvm/rubies/ree-1.8.7-2011.03/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/task.rb:151:in `invoke_with_call_chain'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/task.rb:144:in `invoke'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/application.rb:112:in `invoke_task'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/application.rb:90:in `top_level'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/application.rb:90:in `each'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/application.rb:90:in `top_level'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/application.rb:129:in
`standard_exception_handling'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/application.rb:84:in `top_level'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/application.rb:62:in `run'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/application.rb:129:in
`standard_exception_handling'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/lib/rake/application.rb:59:in `run'
/usr/local/rvm/gems/ree-1.8.7-2011.03/gems/rake-0.9.2/bin/rake:32
/usr/local/rvm/gems/ree-1.8.7-2011.03/bin/rake:19:in `load'
/usr/local/rvm/gems/ree-1.8.7-2011.03/bin/rake:19
Tasks: TOP => redmine:migrate_from_trac
```

Versions:

```
$ rvm list
```

```
rvm rubies
```

```
=> ree-1.8.7-2011.03 [ i386 ]
```

```
$ ruby -v
```

```
ruby 1.8.7 (2011-02-18 patchlevel 334) [i686-linux], MBARI 0x8770, Ruby Enterprise Edition 2011.03
```

```
$ gem search rack
```

```
* LOCAL GEMS ***
```

```
rack (1.1.2, 1.0.1)
```

```
$ gem search rake
```

```
* LOCAL GEMS ***
```

```
rake (0.9.2, 0.8.7)
```

```
$ rake --version
```

```
rake, version 0.9.2
```

```
$ gem -v
1.6.2
```

Steps taken to reproduce:

On db server:

```
$ mysqladmin create chiliproject_dev # with correct credentials in config/database.yml
```

On web server:

```
$ cd chiliproject-2.0.0
```

```
$ rake generate_session_store
```

```
$ RAILS_ENV=development rake db:migrate
```

```
$ RAILS_ENV="development" rake redmine:migrate_from_trac
```

```
Migrating components.....
```

```
Migrating milestones.....
```

```
Migrating custom fields
```

```
Migrating tickets.rake aborted!
```

```
TracMigrate is not missing constant TracTicketChange!
```

```
Tasks: TOP => redmine:migrate_from_trac
```

```
(See full trace by running task with --trace)
```

Unfortunately, there is private data in our Trac dump, and I can't easily create a new one to test, since it is a hosted service.

## History

2011-09-12 07:51 pm - Chris Dähn

- File `migrate_from_trac.rake.diff` added

Hi,

I had the same problem with:

@

ruby 1.8.7 (2010-01-10 patchlevel 249) [i586-linux]

rake, version 0.9.2

chiliproject 2.1.1

@

running a migration from Trac 0.11.7 with PostgreSQL.

I fixed that by the following patch which just added the module scope "TracMigrate::" to the TracTicketChange calls.

But now the migration stops after processing the first few tickets (2-5 issues are imported correctly) with the error:

```
<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'  
/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>
```

I checked all tables and the Issue class for the attribute @created\_on@, but it's not missing :(

Does anyone know more? Any hints?

**2011-11-25 12:03 am - Mike Pestorich**

I've been trying to update from Trac as well.

Specifically, Trac 0.12dev (which had been previously upgraded from Trac 0.11). In addition to the \*TracMigrate::\* additions in the attached patch, I also had to change all the \*Time.at(some\_datetime)\* calls to \*Time.at(some\_datetime/1000000.0)\* - see <http://trac.edgewall.org/ticket/9377> to handle differences in the way timestamps were stored prior to 0.12.

Then I ended up with the same `*:created_on*` error mentioned above. To get past that one, I had to change `*:created_on*` on line 489 to `*:created_at*` when creating a new Journal.

Now I'm struggling with JournalDetail being replaced by `acts_as_journalized` (see [https://www.chiliproject.org/projects/chiliproject/wiki/Acts\\_as\\_journalized](https://www.chiliproject.org/projects/chiliproject/wiki/Acts_as_journalized)). Apparently this change in behavior in ChiliProject 2.0 and beyond breaks this script and quite frankly I am lost with regard to what needs to be done to fix this code.

**2011-11-25 06:01 am - Mike Pectorich**

- *File migrate\_from\_trac.rake.diff added*

Ok... so I think I have it sort of working. I had to modify the way that changes were being accounted for within the Journal (as mentioned in my prior post due to the `acts_as_journalized` changes to ChiliProject 2.0). I am not sure that whatever I did here is right as I am not 100% on what the code was doing in the first place.

I attached the diff against `migrate_from_trac.rake` to make it all run without errors. The modifications in the diff related to the microsecond timestamps might not be necessary. From reading the earlier posts here, it appears that this maybe specific to my environment.

Nonetheless, I have semi-successfully migrated my Trac 0.12dev project to a new ChiliProject.

```
<pre><code>
Components:  0/19
Milestones:  0/4
Tickets:     123/123
Ticket files: 1/1
Custom values: 0/0
Wiki edits:  1062/1062
Wiki files:  3/5
</code></pre>
```

**2011-12-07 02:22 am - Guillaume Bourque**

Hello Mike,

thanks, with your patch apply I was able to migrate one of my old trac v 0.10.4-2 to chiliproject 2.4 but when I tried to migrate one that have ticket in then it does not work.

I had been able to migrate some other old trac v0.10 to chiliprojetct 1.2 but this seem to be a difficult job !

As some other have pointed out maybe it,s easier to migrate from trac to chiliproject 1.5.

Also, in your migration have you seen that the tables of content don't get migrate automaticly, and that tables have double | for each row separator ?

Thanks

**2011-12-07 04:36 am - Mike Pectorich**

I did notice that the table content and row separators didn't get migrated correctly as well as a lot of other wiki content but haven't had the time to look into it. In addition, I don't believe that the comments on the tickets are coming across correctly either.

I apologize for the incompleteness of the patch but I was mainly concerned about getting open tickets migrated so that my group could continue development on our open projects. I have since taken to manually editing my wiki pages to correct them (I didn't have many) as I am not familiar with many of the differences between the wiki formatting in Trac vs ChiliProject. I'm still learning much about chiliproject as I was a long time Trac user. Once

I get up to speed on some of those things and find a little bit of time, I'd be happy to look into all this a bit further. It would be nice to have a robust process to migrate from Trac to ChilProject.

**2011-12-09 01:35 pm - Felix Schäfer**

Hi guys,

I had planned to watch/respond to this issue when it first popped up but it seems I missed it later on, sorry about that.

I haven't looked hard at the patches or anything yet, but in order to be able to integrate them into core I'd need some sample data I can use to test the migration, what would be even better is if someone was somewhat versed in what changes went into Trac (specifically the DB format) since the version the importer is compatible with.

If anyone of you could provide me with this data, I'd try to fix the importer between Christmas and new year.

**2012-01-11 04:06 pm - Matthias Scholz**

- File *smARTtrack.tar.xz* added

Hello everyone,

I also just tried to convert our trac installation to chilproject using the provided patch by Mike.

But I get a different error message:

```
<pre>
```

```
Migrating tickets..rake aborted!
```

```
You have a nil object when you didn't expect it!
```

```
You might have expected an instance of ActiveRecord::Base.
```

```
The error occurred while evaluating nil.touch
```

```
/var/www/chilproject3_trac/app/models/journal.rb:46:in `touch_journaled_after_creation'  
/var/lib/gems/1.8/gems/activesupport-2.3.14/lib/active_support/callbacks.rb:178:in `send'  
/var/lib/gems/1.8/gems/activesupport-2.3.14/lib/active_support/callbacks.rb:178:in `evaluate_method'  
/var/lib/gems/1.8/gems/activesupport-2.3.14/lib/active_support/callbacks.rb:166:in `call'  
/var/lib/gems/1.8/gems/activesupport-2.3.14/lib/active_support/callbacks.rb:93:in `run'  
/var/lib/gems/1.8/gems/activesupport-2.3.14/lib/active_support/callbacks.rb:92:in `each'  
/var/lib/gems/1.8/gems/activesupport-2.3.14/lib/active_support/callbacks.rb:92:in `send'  
/var/lib/gems/1.8/gems/activesupport-2.3.14/lib/active_support/callbacks.rb:92:in `run'  
/var/lib/gems/1.8/gems/activesupport-2.3.14/lib/active_support/callbacks.rb:276:in `run_callbacks'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/callbacks.rb:344:in `callback'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/callbacks.rb:267:in `create'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/base.rb:2927:in `create_or_update_without_callbacks'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/callbacks.rb:250:in `create_or_update'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/base.rb:2577:in `save_without_validation'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/validations.rb:1089:in `save_without_dirty'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/dirty.rb:79:in `save_without_transactions'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/transactions.rb:229:in `send'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/transactions.rb:229:in `with_transaction_returning_status'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/connection_adapters/abstract/database_statements.rb:136:in `transaction'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/transactions.rb:182:in `transaction'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/transactions.rb:228:in `with_transaction_returning_status'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/transactions.rb:196:in `save'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/transactions.rb:208:in `rollback_active_record_state!'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/transactions.rb:196:in `save'  
/var/www/chilproject3_trac/lib/tasks/migrate_from_trac.rake:521:in `migrate'
```

```
/var/lib/gems/1.8/gems/activesupport-2.3.14/lib/active_support/ordered_hash.rb:115:in `each'  
/var/lib/gems/1.8/gems/activesupport-2.3.14/lib/active_support/ordered_hash.rb:115:in `each'  
/var/www/chiliproject3_trac/lib/tasks/migrate_from_trac.rake:491:in `migrate'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/batches.rb:26:in `find_each'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/batches.rb:26:in `each'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/batches.rb:26:in `find_each'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/batches.rb:66:in `find_in_batches'  
/var/lib/gems/1.8/gems/activerecord-2.3.14/lib/active_record/batches.rb:25:in `find_each'  
/var/www/chiliproject3_trac/lib/tasks/migrate_from_trac.rake:466:in `migrate'  
/var/www/chiliproject3_trac/lib/tasks/migrate_from_trac.rake:779  
/usr/lib/ruby/1.8/rake.rb:636:in `call'  
/usr/lib/ruby/1.8/rake.rb:636:in `execute'  
/usr/lib/ruby/1.8/rake.rb:631:in `each'  
/usr/lib/ruby/1.8/rake.rb:631:in `execute'  
/usr/lib/ruby/1.8/rake.rb:597:in `invoke_with_call_chain'  
/usr/lib/ruby/1.8/monitor.rb:242:in `synchronize'  
/usr/lib/ruby/1.8/rake.rb:590:in `invoke_with_call_chain'  
/usr/lib/ruby/1.8/rake.rb:583:in `invoke'  
/usr/lib/ruby/1.8/rake.rb:2051:in `invoke_task'  
/usr/lib/ruby/1.8/rake.rb:2029:in `top_level'  
/usr/lib/ruby/1.8/rake.rb:2029:in `each'  
/usr/lib/ruby/1.8/rake.rb:2029:in `top_level'  
/usr/lib/ruby/1.8/rake.rb:2068:in `standard_exception_handling'  
/usr/lib/ruby/1.8/rake.rb:2023:in `top_level'  
/usr/lib/ruby/1.8/rake.rb:2001:in `run'  
/usr/lib/ruby/1.8/rake.rb:2068:in `standard_exception_handling'  
/usr/lib/ruby/1.8/rake.rb:1998:in `run'  
/usr/bin/rake:28  
</pre>
```

I have only little experience with ruby and I do not know where to start debugging.

I can also provide a testing trac environment. It contains just seven tickets.

Trac version: 0.12.2

By the way I think this bug is very related to ticket #484.

**2012-01-12 09:07 am - Chris Dähn**

Hi,

i got this error because I deleted some of my Trac users and the migration script searched for them while building the wiki and ticket journal.

We found a solution for that inside a Forum / Discussion thread:

<https://www.chiliproject.org/boards/1/topics/556>

ciao,

Chris

**2012-01-12 10:18 am - Matthias Scholz**

Hello,

> We found a solution for that inside a Forum / Discussion thread:

> <https://www.chiliproject.org/boards/1/topics/556>

installing an older ChiliProject version is not an option for me.

I am not sure if the migration script provided in #484 gets any steps further.  
It already provides some trac 0.12 adjustments.

**2012-01-12 11:24 am - Chris Dähn**

...but only the old ChiliProject (< 2.0) can currently import Wikis etc. correctly.

But you're right that importing Trac 12.x data only works with the patch for the new time format...

Relying on the patch for CP 2.x could be more time intensive and may require much more coding+debugging.

So: If you need a fast way, patching the CP 1.5 for the new time format will enable you to run the migration with acceptable results (as I and others already did).

Would that be a way for you?

ciao,  
Chris

**2012-01-12 02:16 pm - Guillaume Bourque**

Hi chris,

I have a question on this.

We have already ~ 20 projects in our production ChiliProject v2.5 install. We can create an V1.5 CP install to migrate our trac info into this transition CP.

But then how do we import those projects into our production CP ?

If we could dump a project from ChiliProject V 1.5 into a tgz file and then import it into our production install it would be great...

Thanks for any input on this.

Guillaume

> So: If you need a fast way, patching the CP 1.5 for the new time format will enable you to run the migration with acceptable results (as I and others already did).

>

> Would that be a way for you?

>

> ciao,

> Chris

**2012-01-12 02:47 pm - Chris Dähn**

...just follow these steps:



- install CP 1.5.x and run the Trac migration on it (patch for new time format of Trac 12.x needed)
- update CP to 2.x and follow the upgrade documentation - which includes to run "rake db:migrate..."  
...during the upgrade to a CP 2.x version all your data are converted into the new CP database format
- now you have a new CP 2.x system

There are only these problems:

- your Trac MUST be original with all users, wikis etc. and without someone doing write requests on it during migration  
-> a deleted Trac user would stop the migration with "nil pointer " errors
- CP 1.5 currently can't handle the Trac 12.x issue timestamps, so CP 1.5 must be patched for that
- wiki syntax - especially tables - could be broken or a little bit distorted, which can be fixed later manually (linebreaks etc.)

So if you need help applying the patch for Trac 12.x timestamps, we need someone who could write that... otherwise (with Trac 11.x) you can start your migration immediately.

If you have further questions, just ask :) ...or look into the migration discussion linked in my former reply.

ciao,  
Chris

**2012-01-12 04:58 pm - Guillaume Bourque**

This is all fine,

but how do you move or copy your trac project that is in you transition Chiliproject database to your production ChiliProject whe you already have ~ 20 projetc running.

Thanks,

Chris DÄ=hn wrote:

> ...just follow these steps:

- >
- > - install CP 1.5.x and run the Trac migration on it (patch for new time format of Trac 12.x needed)
- > - update CP to 2.x and follow the upgrade documentation - which includes to run "rake db:migrate..."
- > ...during the upgrade to a CP 2.x version all your data are converted into the new CP database format
- > - now you have a new CP 2.x system
- >

**2012-01-12 06:33 pm - Chris DÄhn**

Hi,

the biggest problem is that dumping and importing a project isn't simple.

All projects have an incrementing numerical id -> see table "chiliproject.projects" (where "chiliproject" is your CP database). This id is used in many other tables as "project\_id", like in "wikis" and "issues".

So before you can migrate you must ensure that your newly migrated project gets a project\_id, which isn't already in use inside your production environment.

Therefore just try to add as much empty projects as needed to ensure that the highest project\_id would be equal or higher, than the highest project\_id

in your production environment - e.g. with 20 projects your highest id should be "20".

Check this by:

```
SELECT ID FROM chiliproject.projects;
```

Now grab a separate (testing) machine and start migrating based on a CP 1.5 and updating it to CP 2.x.

Then do full backup of target production environment (copy MySQL and CiliProject dirs).

Now add an empty Project with identical name of your migrated one - and check it's project\_id which should be equal to the migrated one, e.g. here it could be "21" for your 21. project.

Shut down your production ChiliProject/Apache + Database/MySQL.

And now - that's much work - grab all entries for your migrated project, e.g. project\_id 21.

I don't know all tables having a relation to the table "projects" (tables having the field "project\_id"), but you can easily determine that with the EXPLAIN sql command.

Then dump all tables with for "project\_id=21" and insert them back into your production sql server.

That's so far as my simple understanding as user goes... maybe the developers have better/more infos or can correct me...

Hope that helps a little bit...

ciao,

Chris

**2012-01-12 07:02 pm - Guillaume Bourque**

Just brilliant the idea to create empty project in the transition ChiliProject.

I was thinking of updating the project\_id=21 manually but I can avoid that step using your trick.

Thanks again.

I was tinkering of using the archiving utility in the project page but I have no idea how to import them back in a new server ;-). That would be a lot easier to move project from 1 server to another.

Bye

**2012-01-26 01:28 pm - Matthias Scholz**

- Target version set to 3.0.0

- File migrate\_from\_trac12.rake added

- File migrate\_from\_trac.rake.patch added

- Status changed from Open to Ready for review

Hello,

after two weeks of heavy debugging and using the script proposed by Pedro [[https://www.chiliproject.org/users/414]] in Ticket [[https://www.chiliproject.org/issues/484]] I got a working migration script.

I put both files as attachment to this issue. My original file and the patch to the current @migrate\_from\_trac.rake@ for version 3.0.0. There might not be a difference to the current v2 code.

The script is registered using a different name, see line 33: @:migrate\_from\_trac12@. 12 stands for trac version 0.12. So you have to call: @RAILS\_ENV="<what ever>" rake --trace redmine:migrate\_from\_trac12@

I tested it with every trac repository of our company ( 1615 issues ) and was able to combine them to one chiliproject project.

There are still some minor issues in the script. You can easily find them by searching for \_HACK\_ or \_TODO\_.

One major thing you have to keep in mind is the attachment migration. The script generates dummy data in the @<chiliproject>/files@ directory. So better you are using this folder, there are no checks for exists nor configuration.

After running the migration script you have to manually copy/replace the dummy files with the trac attachments. Maybe somebody knows how to do this in the script directly.

Please feel free to test it and give me your thoughts.

Greetings,  
Matthias

**2012-01-29 06:36 pm - Holger Just**

- Target version deleted (3.0.0)

Thanks for your patch. I will have a look at it as soon as possible.

As we are currently rushing to get 3.0 out of the door, I have to pull it out of this release however. I'm trying to have it included in 3.1. Thanks again.

**2012-01-31 02:05 pm - Matthias Scholz**

One thing I have to admit, after checking all my debug entries, is that I had to edit the @app/models/journal.rb@ as well.

I do not really know why and what the consequences are but doing the following before "touching" check did the trick:

```
@
  def touch_journaled_after_creation
+   journaled.touch unless journaled == nil ## HACK !!!
-   journaled.touch
  end
@
```

**2012-02-21 11:55 pm - Kris Lou**

Is this going to make 3.1?

**2012-02-29 10:25 pm - Felix Schäfer**

- Target version set to 3.1.0

- Assignee set to Felix Schäfer

Matthias Scholz wrote:

> One thing I have to admit, after checking all my debug entries, is that I had to edit the @app/models/journal.rb@ as well.

```
>
> I do not really know why and what the consequences are but doing the following before "touching" check did the trick:
> @
> def touch_journaled_after_creation
> +  journaled.touch unless journaled == nil ## HACK !!!
> -  journaled.touch
> end
> @
```

That is indeed a dirty hack, each journal should only be created by the journaled object and thus be able to reference it :-)

Kris: I'll try to review this for 3.1.

**2012-03-10 09:47 am - Felix Schäfer**

Working on this now. Is it reasonable to assume that anyone that has trac will be on 0.12 by now?

**2012-03-12 08:33 am - Matthias Scholz**

Felix Schäfer wrote:

> Working on this now. Is it reasonable to assume that anyone that has trac will be on 0.12 by now?

I would say yes, because the migration for versions below Trac 0.12 is quiet easy.

As far as I experienced with our former Trac projects.

**2012-03-12 01:04 pm - Guillaume Bourque**

Hi,

I'm not sure, I have 4-5 trac running trac v0.11 and I can't migrate them now that I'm with chili ver 1.5 or higher. That used to be fine with older version of Chiliproject. I did not try you latest patch yet.

Has anybody been able to migrate trac into an old chiliproject installation and copy this chiliprojet projet to a newer chliproject where you already have other projetct running ( Chris DÄhnÄ has given some way to do it in note 14 #516note-14 ) ?

Thanks

Matthias Scholz wrote:

> I would say yes, because the migration for versions below Trac 0.12 is quiet easy.

> As far as I experienced with our former Trac projects.

**2012-03-16 08:01 pm - Guillaume Bourque**

Felix Schäfer wrote:

> Working on this now. Is it reasonable to assume that anyone that has trac will be on 0.12 by now?

Bonjour Felix,

Any news on this ?

should I migrate my chiliproject install to 3.0.0 to test this out ?

note: an export / import project utility would be fanstastic to help us move chiliproject from server a to server b, anything plan

Thanks

Thanks

**2012-03-20 01:53 pm - Guillaume Bourque**

Felix Schäfer wrote:

> Working on this now. Is it reasonable to assume that anyone that has trac will be on 0.12 by now?

Would a test trac help you working on this ? I could send you one of our test trac but I would prefer to do that in private.

Let me know, Guillaume

**2012-03-20 03:20 pm - Radim Kolář™**

> Working on this now. Is it reasonable to assume that anyone that has trac will be on 0.12 by now?

yes. Please make your migration code to work with 0.12 Trac. If user is on previous version he can download Trac and run trac update to 0.12.

I am also highly interested in Trac migration.

**2012-03-20 03:59 pm - Felix Schäfer**

Guillaume Bourque wrote:

> Felix Schäfer wrote:

> > Working on this now. Is it reasonable to assume that anyone that has trac will be on 0.12 by now?

>

> Any news on this ?

Sorry for the slow updates, it's taking more time than I thought it was, but it's definitely high on my list. I'll try to at least throw in what I have already on github (this IS a work in progress though, so probably non-working often-rebased-and-force-pushed might-claim-the-soul-of-your-first-born type of thingâ€¦) if you're interested in trying it out.

> should I migrate my chiliproject install to 3.0.0 to test this out ?

3.0.0 is released, so it will never be in there, hopefully in 3.1.0 though :-). (What I'd really really like is to make this an independent gem/executable though, but that's for later I guessâ€¦)

> note: an export / import project utility would be fanstastic to help us move chiliproject from server a to server b, anything plan

That's not the scope of this issue, but if by "is there anything planned?" you meant "did anyone ever think this is a cool feature that could be added someday?": yes, if you meant "will this feature materialize in the near future?": it's not on our immediate roadmap and I can't even get my mind around the complexity of exporting plugins correctly and stuff that I'm not even sure it's gonna be doable in a "sufficient" scope.

**2012-03-20 04:19 pm - Guillaume Bourque**

Felix Schäfer wrote:

> That's not the scope of this issue, but if by "is there anything planned?" you meant "did anyone ever think this is a cool feature that could be added someday?": yes, if you meant "will this feature materialize in the near future?": it's not on our immediate roadmap and I can't even get my mind around the complexity of exporting plugins correctly and stuff that I'm not even sure it's gonna be doable in a "sufficient" scope.

Hi Felix,

just having and export all issue and wiki and document with no plugging that could be imported in another chiliproject with the same version would be a very good start. We are free to reinstall all the plugins and adjust on the new server afterward !

Yes, I'm willing to test the trac patch on my current git clone if you tell me where to find the patch and how to apply it, I will do this in 1 hour.

Thanks,

Bye

**2012-03-20 04:22 pm - Felix Schäfer**

Guillaume Bourque wrote:

> Yes, I'm willing to test the trac patch on my current git clone if you tell me where to find the patch and how to apply it, I will do this in 1 hour.

I won't have the time to upload it until then, sorry, I'll make sure to update this issue when I do!

**2012-03-23 08:44 pm - Felix Schäfer**

- *Status changed from Ready for review to Open*

OK, my current working branch for this is [https://github.com/thecat/chiliproject/tree/bug/516-trac\\_migration](https://github.com/thecat/chiliproject/tree/bug/516-trac_migration), known problems:

\* Issue history not migrated

**2012-04-04 09:26 am - Holger Just**

- *Target version deleted (3.1.0)*

Pulling out of version:3.1.0

**2012-04-04 03:24 pm - Guillaume Bourque**

Holger Just wrote:

> Pulling out of version:3.1.0

Can you give information as to why ? This is a great feature having the ability to migrate from trac !

Thanks

**2012-04-04 04:17 pm - Holger Just**

Guillaume Bourque wrote:

> Can you give information as to why ? This is a great feature having the ability to migrate from trac !

Simply because it wasn't ready on release day. This feature continues to get developed. Once it's ready, it gets merged. You can help Felix by fixing the remaining issues on his branch.

**2012-04-04 06:49 pm - Guillaume Bourque**

Holger Just wrote:

> Guillaume Bourque wrote:

> > Can you give information as to why ? This is a great feature having the ability to migrate from trac !

>

> Simply because it wasn't ready on release day. This feature continues to get developed. Once it's ready, it gets merged. You can help Felix by fixing the remaining issues on his branch.

Ha thanks.

I would love to help Felix but I'm no developer at all, just an open source fan who knows linux and load balancer among other things !

Keep up the good work !

2012-04-05 11:43 am - Radim Kolář™

I tried your branch and got this error

```
fbsd8:~/chiliproject> bundle exec rake redmine:migrate_from_trac RAILS_ENV="production" --trace
** Invoke redmine:migrate_from_trac (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute redmine:migrate_from_trac
```

WARNING: a new project will be added to Redmine during this process.

Are you sure you want to continue ? [y/N] y

```
Trac directory []: /home/hsn/trac/filezcom
Trac database adapter (sqlite, sqlite3, mysql, postgresql) [sqlite]: postgresql
Trac database host [localhost]: localhost
Trac database port [5432]:
Trac database name []: trac
Trac database schema [public]: filezcom
Trac database username []: trac
Trac database password []: melemekavu
Trac database encoding [UTF-8]:
Target project identifier []: FilezCOM
Unable to create a project with identifier 'FilezCOM!'
rake aborted!
undefined method `reload' for nil:NilClass
/home/hsn/chiliproject/lib/tasks/migrate_from_trac.rake:697:in `target_project_identifier'
/home/hsn/chiliproject/lib/tasks/migrate_from_trac.rake:771
/home/hsn/chiliproject/lib/tasks/migrate_from_trac.rake:754:in `prompt'
/home/hsn/chiliproject/lib/tasks/migrate_from_trac.rake:771
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `call'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `execute'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `each'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `execute'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:158:in `invoke_with_call_chain'
/usr/local/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:151:in `invoke_with_call_chain'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:144:in `invoke'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:116:in `invoke_task'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `each'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_exception_handling'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:88:in `top_level'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:66:in `run'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_exception_handling'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:63:in `run'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/bin/rake:33
/usr/local/lib/ruby/gems/1.8/bin/rake:19:in `load'
/usr/local/lib/ruby/gems/1.8/bin/rake:19
Tasks: TOP => redmine:migrate_from_trac
```

2012-04-12 06:55 pm - Felix Schäfer

Radim Kolář™ wrote:

> I tried your branch and got this error

Radim, thanks for testing, the error you get is actually here:

> Target project identifier []: FilezCOM

> Unable to create a project with identifier 'FilezCOM'!

The identifier must be lowercase (this should get tested/normalized but is not the current scope of this ticket).

Thanks for trying out though!

**2012-04-26 01:06 am - Guillaume Bourque**

Has anybody had succes with the latest patch ?

would it be done via redmine ?

1) import trac to redmine

2) then import redmine to chiliproject 2.x or 3.x ?

Thanks

**2012-04-26 06:52 am - Matthias Scholz**

Guillaume Bourque wrote:

> Has anybody had succes with the latest patch ?

>

> would it be done via redmine ?

>

> 1) import trac to redmine

>

> 2) then import redmine to chiliproject 2.x or 3.x ?

As fare as I know and how I used the migration scrip, you do not need to convert you trac to redmine first. It should work directly.

I used trac 0.12 and converted to chiliproject 3.x, see post #16

> Thanks

**2012-04-28 05:39 pm - Radim Kolář™**

I had success with latest patch from this ticket. There are few minor things in markup which are not migrated correctly, but it worked for all my projects.

I will open another ticket with converted wiki markup errors, but i think its in good shape to be committed into project.

## Files

migrate_from_trac.rake.diff	1.6 kB	2011-09-12	Chris Dähn
migrate_from_trac.rake.diff	6.1 kB	2011-11-25	Mike Pectorich
smARTtrack.tar.xz	138.7 kB	2012-01-11	Matthias Scholz
migrate_from_trac12.rake	51.2 kB	2012-01-26	Matthias Scholz
migrate_from_trac.rake.patch	54.2 kB	2012-01-26	Matthias Scholz