

Redmine - Defect #4011

Migration from Trac - Memory footprint to big

2009-10-09 14:54 - Konstantin Kanellopoulos

Status:	Closed	Start date:	2009-10-09
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Importers	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:	Fixed		
Description I tried to migrate from our Trac with redmine 0.8. The Problem is that migrating 7000 tickets blows up the ruby process up to 6 Gb.(running into swap) In ruby 1.8.6 i got an error "Index too big" which is a ruby internal error. So I switched to ruby 1.8.7. So now i have no problem to run the process, but it takes to much memory.			

Associated revisions

Revision 2923 - 2009-10-11 12:12 - Jean-Philippe Lang

Makes migration scripts load tickets in batches (#4011).

History

#1 - 2009-10-11 12:11 - Jean-Philippe Lang

- Status changed from New to Closed
- Resolution set to Fixed

The ruby process for migrating 1,200 tickets takes less than 90meg.
I have updated the script in [r2923](#) so that it reads tickets by batches of 200.
This should reduce memory usage.

#2 - 2009-10-13 09:59 - Konstantin Kanellopoulos

- Status changed from Closed to Reopened
- Assignee set to Jean-Philippe Lang

Hi.

I tested the fixed migration script, but it ran into the same error.

My system specs:

- OS: Mac OS X 10.6
- Memory: 4GB
- Ruby: ruby 1.8.7 (2008-08-11 patchlevel 72) [universal-darwin10.0] 64bit
- Database: Postgres 8.3

I also tried my own fix:

```
< TracTicket.find_each(:batch_size => 200) do |ticket|
---
>   trac_ticket_ids = TracTicket.connection.select_values("SELECT id FROM ticket ORDER BY id ASC")
>   trac_ticket_ids.each do |trac_ticket_id|
>     ticket = TracTicket.find(trac_ticket_id)
>   end
end
```

With this change the ruby progress runs kindly between 90mb and 140mb.
But always on the 4189th ticket ruby blows up to 6GB.

#3 - 2013-05-07 00:28 - Jean-Baptiste Barth

- *Status changed from Reopened to Closed*

I'm re-closing this one because it hasn't had any activity in the last 3 years. I guess the problem needs new tests with more recent versions of ruby, and I hope it doesn't occur anymore.