

## Redmine - Feature #1385

### Script for import from JIRA

2008-06-05 10:24 - Charles L

<b>Status:</b>	New	<b>Start date:</b>	2008-06-05
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	90%
<b>Category:</b>	Importers	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Resolution:</b>			
<b>Description</b>			
<p>I've attached "migrate_from_jira.rake", which was modeled on both the trac migration script, and jira2trac.rb which can be found at trac's home page.</p> <p>Though it isn't as polished as it could be, it gives better fidelity than jira2trac.rb + migrate_from_trac.rake, and hopefully it servers as a good starting point for any other tweaks needed to do a decent import.</p> <p>It currently takes as input (as per jira2trac.rb), an xml dump of issue info from jira. Based on that, it imports projects, sub-projects, users, issue categories, issues, and issue comments.</p>			
<b>Related issues:</b>			
Duplicated by Redmine - Feature # 29097: Migrate tickets from jira to redmine			<b>Closed</b>

### History

#### #1 - 2008-06-05 10:37 - Thomas Lecavelier

A big thanks to you. Could you provide a Jira db dump in order to try the script (and eventually improve it)? Thank you

#### #2 - 2008-10-14 13:18 - Vasudeva Server

I am trying to import a small JIRA XML export, but I get an error (and, I am a newbie).

- 1) I copied your script to my install, in redmine/lib/tasks
- 2) I copied the JIRA DB export file, called jira.xml, in the main redmine directory (/home/vsm/public\_html/redmine/)
- 3) I invoke the script with: rake redmine:migrate\_from\_jira RAILS\_ENV="test"

This is what I get:

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

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

```
| y
```

Then I get:

```
"Jira issue xml file [SearchRequest.xml]: "
```

```
| /home/vsm/public_html/redmine/jira.xml
```

It requests:

"Target project identifier []:"

| SYS

And it prints the error message:

"Unable to create a project with identifier 'WS'!"

Could you please tell me what am I doing wrong?

Thank you!

Priyadarshan

### #3 - 2008-10-27 00:48 - Charles L

I'm not really sure how if you type in SYS (which gets stored in the variable identifier), that it somehow ends up as WS in the error message? Maybe try creating a project with that identifier before hand, so it shouldn't be doing anything more than project = Project.find\_by\_identifier('SYS').

### #4 - 2009-03-01 00:25 - Henrik A

Hi. I created an XML backup from Jira 3.12.1 (Administration » Import & Export » Backup Data to XML) and tried importing it to Redmine using by Vasudeva's instructions above.

I had to create a project in Redmine first, but after working a while the import ended up with "Projects: 0/0, Components: 0/0, Issues: 0/0". My Jira had several projects and thousands of issues.

### #5 - 2009-03-05 22:27 - Charles L

Hi Henrik,

When I did the migration, similar to the mentioned jira2trac.rb script, I based it off the rss feed. I wasn't aware of the Backup data to xml function, likely as no-one in our team had admin access.

I ended up with an file called SearchRequest.xml, and the contents looked roughly like (heavily edited to protect the innocent) the below. If you set up the search to cover everything, it will have all issues from all relevant projects, full comment history, most fields etc.

```
<?xml version="1.0"?>
<!-- RSS generated by JIRA (Enterprise Edition, Version: 3.10.2-#262) at Mon Mar 10 12:25:18 SGT 2008 -->
<rss version="0.92">
  <channel>
    <title>BLAH BLAH ORGANISATION</title>
    <link>http://10.203.1.49:6080/secure/IssueNavigator.jspa?BLAHBLAH</link>
    <description>An XML representation of a search request</description>
    <language>en-au</language>
    <item>
      <title>[QRST-32] Crash when blah blah</title>
      <link>http://10.203.1.49:6080/browse/QRST-32</link>
      <description>
```

Unhandled Exception: System.IO.IOException: Unable to read data from the transpo&lt;br&gt;

rt connection: An existing connection was forcibly closed by the remote host. --

```
</description>
<environment/>
<key id="27482">QRST-32</key>
<summary>Crash when blah blah</summary>
<type id="1" iconUrl="http://10.203.1.49:6080/images/icons/bug_red.gif">Bug</type>
<priority id="3" iconUrl="http://10.203.1.49:6080/images/icons/warning.gif">High</priority>
<status id="1" iconUrl="http://10.203.1.49:6080/images/icons/status_open.gif">Open</status>
<resolution id="-1">Unresolved</resolution>
<assignee username="blah">Mr Blah</assignee>
<reporter username="blah">Mr Blah</reporter>
<created>Thu, 6 Mar 2008 14:23:00 +0800 (SGT)</created>
<updated>Thu, 6 Mar 2008 14:23:00 +0800 (SGT)</updated>
<component>Blah component</component>
<due/>
<attachments>
</attachments>
<subtasks>
</subtasks>
<customfields>
  <customfield id="customfield_10423" key="com.atlassian.jira.plugin.system.customfieldtypes:float">
    <customfieldname>Estimated Effort (Hrs)</customfieldname>
    <customfieldvalues>
      <customfieldvalue>0.0</customfieldvalue>
    </customfieldvalues>
  </customfield>
</customfields>
</item>
</channel>
</rss>
```

#### #6 - 2010-02-01 23:04 - Marcel Waldvogel

- File *migrate\_from\_jira.rake* added
- File *migrate\_from\_jira.rake* added
- % Done changed from 0 to 90

We had to migrate some Jira issues into 0.9rc and found out that the script needs adaptation to the current data model. This has been done below. I also changed the way how issue status and trackers are determined. Previously, it expected them to be at a particular position in the sort order, now it expects them to have a certain name. Even though this opens up issues with the language barrier (my native language is not English, so don't complain too loud about my cultural ignorance).

You need to make sure to have issue status values called "Assigned", "Resolved", and "Feedback" as well as trackers called "Bug", "Feature", and "Task" (or change the lines with `IssueStatus.find_by_name` and `Tracker.find_by_name`).

UltraShort HowTo:

1. Create an **XML issue dump** (not a backup!) of your Jira tasks
2. Put the *.rake* file in `.../redmine/lib/tasks`
3. run `rake redmine:migrate_from_jira RAILS_ENV=production` and answer the questions

Happy migrations!

**#7 - 2010-02-01 23:04 - Marcel Waldvogel**

BTW: What would be needed to get this script into the main distribution?

**#8 - 2010-02-22 10:26 - Benoît Capitanio**

Hi guys.

Maybe I missed something but when I try to import a Jira XML files to redmine. I've got this error :

```
root@sysnet:/data/web/redmine# RAILS_ENV=production rake redmine:migrate_from_jira --trace
(in /data/web/redmine)
rake aborted!
/data/web/redmine/lib/tasks/migrate_from_jira.rake:1: syntax error, unexpected '<'
<!DOCTYPE html PUBLIC "-//W3C/...
^
/data/web/redmine/lib/tasks/migrate_from_jira.rake:2: syntax error, unexpected '<'
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en">
^
/data/web/redmine/lib/tasks/migrate_from_jira.rake:2: syntax error, unexpected tIDENTIFIER, expecting $end
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en">
^
/data/web/redmine/vendor/rails/activesupport/lib/active_support/dependencies.rb:145:in `load'
/data/web/redmine/vendor/rails/activesupport/lib/active_support/dependencies.rb:145:in `block in load_with_new_constant_marking'
/data/web/redmine/vendor/rails/activesupport/lib/active_support/dependencies.rb:521:in `new_constants_in'
/data/web/redmine/vendor/rails/activesupport/lib/active_support/dependencies.rb:145:in `load_with_new_constant_marking'
/data/web/redmine/vendor/rails/railties/lib/tasks/rails.rb:9:in `block in <top (required)>'
/data/web/redmine/vendor/rails/railties/lib/tasks/rails.rb:9:in `each'
/data/web/redmine/vendor/rails/railties/lib/tasks/rails.rb:9:in `<top (required)>'
/data/web/redmine/Rakefile:10:in `require'
/data/web/redmine/Rakefile:10:in `<top (required)>'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2383:in `load'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2383:in `raw_load_rakefile'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2017:in `block in load_rakefile'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_exception_handling'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2016:in `load_rakefile'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2000:in `block in run'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_exception_handling'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:1998:in `run'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/bin/rake:31:in `<top (required)>'
/opt/ruby/bin/rake:19:in `load'
/opt/ruby/bin/rake:19:in `<main>'
```

Did someone has got the same error?

Thanks.

Benoît

**#9 - 2010-02-22 17:04 - Charles L**

That looks like you're trying to run html as ruby. You need to click on the attachment links, and then you can download from that page, otherwise you get the formatted version.

#### #10 - 2010-02-22 17:28 - Benoît Capitanio

Charles L wrote:

```
| That looks like you're trying to run html as ruby. You need to click on the attachment links, and then you can download from that page, otherwise
```

```
| you get the formatted version.
```

Thanks Charles it's better but i still got errors... :

```
root@sysnet:/data/web/redmine# RAILS_ENV=production rake redmine:migrate_from_jira --trace
(in /data/web/redmine)
** Invoke redmine:migrate_from_jira (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute redmine:migrate_from_jira
rake aborted!
undefined method `get_values' for #<Class:0x00000005294ff8>
/data/web/redmine/vendor/rails/activerecord/lib/active_record/base.rb:1959:in `method_missing'
/data/web/redmine/lib/tasks/migrate_from_jira.rake:28:in `<module:JiraMigrate>'
/data/web/redmine/lib/tasks/migrate_from_jira.rake:27:in `block (2 levels) in <top (required)>'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:636:in `call'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:636:in `block in execute'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:631:in `each'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:631:in `execute'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:597:in `block in invoke_with_call_chain'
/opt/ruby/lib/ruby/1.9.1/monitor.rb:190:in `mon_synchronize'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:590:in `invoke_with_call_chain'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:583:in `invoke'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2051:in `invoke_task'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2029:in `block (2 levels) in top_level'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2029:in `each'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2029:in `block in top_level'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_exception_handling'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2023:in `top_level'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2001:in `block in run'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_exception_handling'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/lib/rake.rb:1998:in `run'
/opt/ruby/lib/ruby/gems/1.9.1/gems/rake-0.8.7/bin/rake:31:in `<top (required)>'
/opt/ruby/bin/rake:19:in `load'
/opt/ruby/bin/rake:19:in `<main>'
```

Thanks.

Benoît Capitanio

#### #11 - 2010-02-23 22:57 - Charles L

There have been changes to Redmine's data model since the script was first written over a year ago. Marcel fixed it to work again recently - you should download his newer version (see attachments section) or equivalently apply his patch.

**#12 - 2010-02-25 10:18 - Benoît Capitanio**

Charles L wrote:

*There have been changes to Redmine's data model since the script was first written over a year ago. Marcel fixed it to work again recently - you should download his newer version (see attachments section) or equivalently apply his patch.*

Thanks Charles.

I tried the Marcel's script but I've got the same errors.

Now I try to migrate from the script Jira2Trac.

Benoît

**#13 - 2010-02-25 14:32 - Charles L**

Yes, it seems Marcel's script is identical to mine somehow (perhaps the attachments system got confused by them having the same filename on the same issue?). You'd need to apply the patch to get the updated version.

**#14 - 2010-02-25 17:30 - V.M. Kattenberg**

I just tried the script to import an XML issue dump into our Redmine installation. I downloaded the original script from Charles L and applied the Marcel's patch: The first error I encountered was the REXML/document class not being imported, I fixed this by adding the line require 'rexml/document' at the start of the script - now I have gotten a little bit further with my import but it still stops with the following error:

```
Mysql::Error: Duplicate entry '15-1' for key 'projects_trackers_unique': INSERT INTO `projects_trackers` (`project_id`, `tracker_id`) VALUES (15, 1)
```

I am at a loss here.

**#15 - 2010-02-26 16:15 - Charles L**

It originally assumed it was going to be importing the issues into a new project, and that it wouldn't have the necessary trackers. If you're using a pre-existing project, or if the default trackers have changed, just comment out the lines where it unconditionally adds the trackers to the project (project.trackers << TRACKER\_BLAH).

**#16 - 2010-04-02 13:19 - Yuriz DeHaupt**

On my system it appears to have a NilClass issue.

Maybe my debian packaged ruby version is too old? ruby 1.8.7 (2008-08-11 patchlevel 72) [i486-linux]

```
rake --trace redmine:migrate_from_jira
```

```
(in /usr/share/redmine)
```

- Invoke redmine:migrate\_from\_jira (first\_time)
- Invoke environment (first\_time)
- Execute environment
- Execute redmine:migrate\_from\_jira

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

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

Jira issue xml file [SearchRequest.xml]:

Target project identifier []: imported

Migrating projects.rake aborted!

```
undefined method `downcase' for nil:NilClass
/usr/share/redmine/lib/tasks/migrate_from_jira.rake:173:in `migrate'
/usr/share/redmine/lib/tasks/migrate_from_jira.rake:170:in `each'
/usr/share/redmine/lib/tasks/migrate_from_jira.rake:170:in `migrate'
/usr/share/redmine/lib/tasks/migrate_from_jira.rake:161:in `open'
/usr/share/redmine/lib/tasks/migrate_from_jira.rake:161:in `migrate'
/usr/share/redmine/lib/tasks/migrate_from_jira.rake:345
/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
```

#### #17 - 2010-04-22 16:02 - Nikolay Artemenko

Marcel Waldvogel wrote:

*We had to migrate some Jira issues into 0.9rc and found out that the script needs adaptation to the current data model. This has been done below. I also changed the way how issue status and trackers are determined. Previously, it expected them to be at a particular position in the sort order, now it expects them to have a certain name. Even though this opens up issues with the language barrier (my native language is not English, so don't complain too loud about my cultural ignorance).*

*You need to make sure to have issue status values called "Assigned", "Resolved", and "Feedback" as well as trackers called "Bug", "Feature", and "Task" (or change the lines with IssueStatus.find\_by\_name and Tracker.find\_by\_name).*

*UltraShort HowTo: 1. Create an **XML issue dump** (not a backup!) of your Jira tasks*

*2. Put the .rake file in .../redmine/lib/tasks*

*3. run rake redmine:migrate\_from\_jira RAILS\_ENV=production and answer the questions*

*Happy migrations!*

Hi! In UltraShort HowTo were written "Create an **XML issue dump** (not a backup!) of your Jira tasks". So, can somebody explain me more closely how

to do this?

Thanks

**#18 - 2010-04-22 18:01 - Charles L**

I no longer even have Jira, so I can't easily check. I think it took the same input as jira2trace.rb (<http://trac.edgewall.org/attachment/wiki/Traclmport/jira2trac.rb>), which is a dump from the RSS feed - see comment #5.

**#19 - 2010-04-23 17:01 - Nikolay Artemenko**

Thanks Charles L. Now, when i run migrate\_from\_jira.rake i have error message:

```
rake aborted!  
undefined method 'get_values' for #<Class:0xb769eae4>
```

What's the matter?

**#20 - 2010-04-23 17:28 - Nikolay Artemenko**

Sorry. Were careless.

But have new problem.

After 10 second working script i recieved new error message...

```
Migrating projects.rake aborted!  
Tracker(#-609467598) expected, got NicClass(#-604479008)
```

**#21 - 2010-04-24 01:28 - Charles L**

Have you updated the script with Marcel's patch? Also you probably want to run the rake command with --trace, to find out what line is causing the problem. Most likely is that you don't have trackers called Bug, Feature, and Task (see top of the script), which are used in the TRACKER\_MAPPING to convert from the jira issue type. So it fails validation on save. Did you run the default redmine schema load?

**#22 - 2010-05-12 17:27 - Nikolay Artemenko**

The problem was, that if Jira ticket have unassigned "assignee to" field this script is broken down. This problem has been resolved and in a few days i'll put there .patch file.

The next problem came up, that this script not migrate jira milestones and customfields to redmine versions and customfields respectively.

Does anybody know how to solve it?

Will thankful for any help...

**#23 - 2010-05-20 22:53 - jamon camisso**

Hi Nikolay, having the same problem that you described. Would you mind posting your patch or just the complete migrate\_from\_jira script? So close to



being free from Jira but I lack ruby/rails knowledge to be able to fix the migration script on my own.

Tracker(#70060922005220) expected, got NilClass(#70060960471960)

#### #24 - 2010-05-21 09:02 - Nikolay Artemenko

- File `migrate_from_jira.rake` added

Jamon, try to run this patched script.

It works, but it's not final version.

In the beginning of June I'll try to post there migration script, that will migrate as well milestones and custom fields.

#### #25 - 2010-07-06 04:42 - Philip Hunt

Nikolay, I've tried running your script (using Redmine 0.9.4) - but receive the following error:

```
rake redmine:migrate_from_jira RAILS_ENV=production --trace
(in /opt/redmine-0.9.4)
** Invoke redmine:migrate_from_jira (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute redmine:migrate_from_jira
```

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

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

Jira issue xml file [SearchRequest.xml]: /opt/jira\_backup/jira\_20100706.xml

Target project identifier []: jira

```
rake aborted!
uninitialized constant REXML::Document
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_support/dependencies.rb:443:in `load_missing_constant'
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_support/dependencies.rb:80:in `const_missing'
/opt/redmine-0.9.4/lib/tasks/migrate_from_jira.rake:166:in `migrate'
/opt/redmine-0.9.4/lib/tasks/migrate_from_jira.rake:165:in `open'
/opt/redmine-0.9.4/lib/tasks/migrate_from_jira.rake:165:in `migrate'
/opt/redmine-0.9.4/lib/tasks/migrate_from_jira.rake:350
/usr/lib/ruby/1.8/rake.rb:617:in `call'
/usr/lib/ruby/1.8/rake.rb:617:in `execute'
/usr/lib/ruby/1.8/rake.rb:612:in `each'
/usr/lib/ruby/1.8/rake.rb:612:in `execute'
/usr/lib/ruby/1.8/rake.rb:578:in `invoke_with_call_chain'
/usr/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/usr/lib/ruby/1.8/rake.rb:571:in `invoke_with_call_chain'
/usr/lib/ruby/1.8/rake.rb:564:in `invoke'
/usr/lib/ruby/1.8/rake.rb:2027:in `invoke_task'
/usr/lib/ruby/1.8/rake.rb:2005:in `top_level'
/usr/lib/ruby/1.8/rake.rb:2005:in `each'
/usr/lib/ruby/1.8/rake.rb:2005:in `top_level'
/usr/lib/ruby/1.8/rake.rb:2044:in `standard_exception_handling'
/usr/lib/ruby/1.8/rake.rb:1999:in `top_level'
```

```
/usr/lib/ruby/1.8/rake.rb:1977:in `run'  
/usr/lib/ruby/1.8/rake.rb:2044:in `standard_exception_handling'  
/usr/lib/ruby/1.8/rake.rb:1974:in `run'  
/usr/bin/rake:28
```

## #26 - 2010-07-12 14:46 - Terence Mill

Hi!

I tried to migrate and got this abort message: **Unable to create a sub project**  
Plz help!

```
-----  
sid-repo:/redmine# dir  
\ config doc files lib public README.rdoc test vendor  
app db extra jira.xml log Rakefile script tmp  
sid-repo:/redmine# rake redmine:migrate_from_jira RAILS_ENV="production"  
(in /usr/local/lib/redmine-0.9)
```

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

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

Jira issue xml file [SearchRequest.xml]: jira.xml

Target project identifier []: import

Migrating projects.Unable to create a sub project with identifier '08049'!

rake aborted!

You cannot move a new node

```
/usr/local/lib/redmine-0.9/vendor/plugins/awesome_nested_set/lib/awesome_nested_  
set.rb:476:in `move_to'  
/usr/local/lib/redmine-0.9/vendor/plugins/awesome_nested_set/lib/awesome_nested_  
set.rb:396:in  
`move_to_child_of'  
/usr/local/lib/redmine-0.9/lib/tasks/migrate_from_jira.rake:185:in `migrate'  
/usr/local/lib/redmine-0.9/lib/tasks/migrate_from_jira.rake:174:in `each'  
/usr/local/lib/redmine-0.9/lib/tasks/migrate_from_jira.rake:174:in `migrate'  
/usr/local/lib/redmine-0.9/lib/tasks/migrate_from_jira.rake:165:in `open'  
/usr/local/lib/redmine-0.9/lib/tasks/migrate_from_jira.rake:165:in `migrate'  
/usr/local/lib/redmine-0.9/lib/tasks/migrate_from_jira.rake:350  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:636:in `call'  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:636:in `execute'  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:631:in `each'  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:631:in `execute'  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:597:in `invoke_with_cal  
l_chain'  
/usr/local/lib/ruby/1.8/monitor.rb:242:in `synchronize'  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:590:in `invoke_with_cal  
l_chain'  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:583:in `invoke'  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2051:in `invoke_task'  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2029:in `top_level'  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2029:in `each'  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2029:in `top_level'  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_excep  
tion_handling'  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2023:in `top_level'  
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2001:in `run'
```

```
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_excep
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:1998:in `run'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.8.7/bin/rake:31
/usr/local/bin/rake:19:in `load'
/usr/local/bin/rake:19
sid-repo:/redmine#
```

tion\_handling'

## #27 - 2010-07-26 03:29 - Philip Hunt

Hi, I've made good progress with the Jira import script, but - I now have an error which has me stumped:  
"Validation failed: Tracker is not included in the list" (see trace below)

This problem happens when the "i.save!" method is called from the rake task, when adding issues to Redmine.

Could anyone please suggest how to resolve this problem so I can continue with my Jira migration?

Many thanks,

Phil

```
rake redmine:migrate_from_jira RAILS_ENV=production --trace
(in /opt/redmine-0.9.4)
** Invoke redmine:migrate_from_jira (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute redmine:migrate_from_jira
```

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

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

Jira issue xml file [SearchRequest.xml]: /home/ubuntu/jira\_rss2.xml

Target project identifier []: jira

Migrating projects.

Migrating components.....

Migrating issues .rake aborted!

Validation failed: Tracker is not included in the list

```
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_record/validations.rb:1090:in `save_without_dirty!'
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_record/dirty.rb:87:in `save_without_transactions!'
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_record/transactions.rb:200:in `save!'
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/database_statements.rb:136:in `transaction'
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_record/transactions.rb:182:in `transaction'
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_record/transactions.rb:200:in `save!'
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_record/transactions.rb:208:in `rollback_active_record_state!'
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_record/transactions.rb:200:in `save!'
/opt/redmine-0.9.4/lib/tasks/migrate_from_jira.rake:248:in `migrate'
/opt/redmine-0.9.4/lib/tasks/migrate_from_jira.rake:226:in `each'
/opt/redmine-0.9.4/lib/tasks/migrate_from_jira.rake:226:in `migrate'
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/database_statements.rb:136:in `transaction'
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_record/transactions.rb:182:in `transaction'
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_record/transactions.rb:200:in `save!'
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_record/transactions.rb:208:in `rollback_active_record_state!'
/opt/redmine-0.9.4/vendor/rails/activerecord/lib/active_record/transactions.rb:200:in `save!'
/opt/redmine-0.9.4/lib/tasks/migrate_from_jira.rake:224:in `migrate'
/opt/redmine-0.9.4/lib/tasks/migrate_from_jira.rake:165:in `open'
/opt/redmine-0.9.4/lib/tasks/migrate_from_jira.rake:165:in `migrate'
/opt/redmine-0.9.4/lib/tasks/migrate_from_jira.rake:351
```

```

/usr/lib/ruby/1.8/rake.rb:617:in `call'
/usr/lib/ruby/1.8/rake.rb:617:in `execute'
/usr/lib/ruby/1.8/rake.rb:612:in `each'
/usr/lib/ruby/1.8/rake.rb:612:in `execute'
/usr/lib/ruby/1.8/rake.rb:578:in `invoke_with_call_chain'
/usr/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/usr/lib/ruby/1.8/rake.rb:571:in `invoke_with_call_chain'
/usr/lib/ruby/1.8/rake.rb:564:in `invoke'
/usr/lib/ruby/1.8/rake.rb:2027:in `invoke_task'
/usr/lib/ruby/1.8/rake.rb:2005:in `top_level'
/usr/lib/ruby/1.8/rake.rb:2005:in `each'
/usr/lib/ruby/1.8/rake.rb:2005:in `top_level'
/usr/lib/ruby/1.8/rake.rb:2044:in `standard_exception_handling'
/usr/lib/ruby/1.8/rake.rb:1999:in `top_level'
/usr/lib/ruby/1.8/rake.rb:1977:in `run'
/usr/lib/ruby/1.8/rake.rb:2044:in `standard_exception_handling'
/usr/lib/ruby/1.8/rake.rb:1974:in `run'
/usr/bin/rake:28

```

## #28 - 2010-07-31 22:51 - Bram Bouwens

I also tried to use this script, but I fell into the obvious trap of trying it on a Jira DB export, so indeed, nothing got loaded.

So I need to "Create an XML issue dump (not a backup!) of my Jira tasks" which is the same as a Jira RSS feed. Would that be what I get when clicking on the RSS button on the dashboard? That is like

```

<?xml version="1.0" encoding="UTF-8"?>
<feed xmlns="http://www.w3.org/2005/Atom" xmlns:usr="http://streams.atlassian.com/syndication/username/1.0"
xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:thr="http://purl.org/syndication/thread/1.0">
  <title>ProjectName JIRA - Activity Stream</title>
  <id>https://www.example.com:8443</id>
  <updated>2010-07-31T20:47:06Z</updated>
  <dc:date>2010-07-31T20:47:06Z</dc:date>
  <entry>
    <title type="html">&lt;a href='https://www.example.com:8443/secure/ViewProfile.jspa?name=jimmy'&gt;Jimmy Neutron&lt;/a&gt; updated the
    Description of &lt;a href="https://www.example.com:8443/browse/PN-9"&gt;PN-9&lt;/a&gt; (Properly implement Dolph-Chebyshev
    window)</title>
    <link rel="alternate" href="https://www.example.com:8443/browse/PN-9" />
    <link rel="http://streams.atlassian.com/syndication/icon" href="https://www.example.com:8443/images/icons/task.gif" />
    <link rel="http://streams.atlassian.com/syndication/reply-to" href="https://www.example.com:8443/plugins/servlet/streamscomments/PN-9" />
    <author>
      <name>Jimmy Neutron</name>
      <uri>https://www.example.com:8443/secure/ViewProfile.jspa?name=jimmy</uri>
      <email>jimmy@example.com</email>
      <usr:username>jimmy</usr:username>
    </author>

```

etc. which isn't exactly like mentioned above ... ?

**#29 - 2010-07-31 23:19 - Bram Bouwens**

Ah ... seems I got it. The secret is to go to the Issue Navigator and view all, and then use the "Views" on top of the list? This gave me a file somewhat similar to the one above.

But then:

```
Jira issue xml file [SearchRequest.xml]:
```

```
Target project identifier []: jira
```

```
Unable to create a project with identifier 'jira'!
```

```
Target project identifier []: import
```

```
Migrating projects.rake aborted!
```

```
Mysql::Error: Duplicate entry '3-1' for key 'projects_trackers_unique': INSERT INTO `projects_trackers` (`project_id`, `tracker_id`) VALUES (3, 1)
```

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

This brings me to the question: what is the "Target project identifier" supposed to be?

I would think that it should match the name of the project to be imported, but lots of names

I tried are rejected with the "Unable to create a project with identifier 'foo'" message.

And on a previous try I got:

```
Jira issue xml file [SearchRequest.xml]:
```

```
Target project identifier []: import
```

```
Migrating projects.rake aborted!
```

```
Tracker(#-613562478) expected, got NilClass(#-608040488)
```

.. so it accepted "import" at that time but then got a NilClass.

Is that because some ticket are unassigned, still?

Maybe I have already messed up the database (in mysql BTW).

Should I clean it before trying again?

**#30 - 2010-08-19 19:54 - jamon camisso**

Hi all, as an update, I've been running into errors like the ones described in many comments. I've managed to figure out that importing into a clean install of Redmine doesn't work, even if Bug/Issue etc. trackers are enabled.

However, I have a populated instance of Redmine that has been upgraded from 0.8.x to 1.0 that I can import into, so I'm going to try figuring out what about that particular instance is different from a clean install and post back here.

**#31 - 2010-08-19 22:44 - jamon camisso**

Yet another update, I have the import working with a new postgresql backed redmine.

Make sure that you have a custom "Resolution" field defined as a list, with "fixed invalid wontfix duplicate worksforme" values.

You will also need a Task and Deliverable tracker with defined workflows. From there run the import script and you should be all set.

**#32 - 2010-09-03 23:18 - Kevin Marvin**

- File `migrate_from_jira.rake` added

I've done some modifications to this script as well, and have attached it. I ran into some trouble doing a migration from a big Jira install to a brand new Redmine, and added `find_or_create` for most of the things that Redmine requires. Much easier, IMO, to modify after created than pre-create.

Anyway, this worked beautifully with all of our bugs in migration.

**#33 - 2011-01-05 08:06 - Tiklu Ganguly**

Hi I am also having a similar problem to this one. I am using redmine 1.0.x in windows. Please help

Philip Hunt wrote:

```
| Nikolay, I've tried running your script (using Redmine 0.9.4) - but receive the following error:  
|  
| [...] |
```

**#34 - 2011-03-31 16:01 - Todd Osborne**

I have Redmine 1.1.2 installed (Bitnami version) on a MacOS X and ran the latest import script. Everything seemed to go fine but after it completed, it didn't really import anything except create a new project in Redmine (JIRA Import). Any ideas?

```
mac_dt100117:tasks tosborne$ sudo rake redmine:migrate_from_jira RAILS_ENV=production  
(in /Applications/redmine-1.1.2-1/apps/redmine)
```

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

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

Jira issue xml file [SearchRequest.xml]: /Users/tosborne/redmine.xml

Target project identifier []:

Unable to create a project with identifier ""!

Target project identifier []: jira

loading file

items enumerated

Migrating projects

Migrating components

Migrating issues

Projects: 0/0

Components: 0/0

Issues: 0/0

**#35 - 2011-03-31 16:57 - Todd Osborne**

Disregard, I missed the part that you need to use the RSS feed (Search) feature and not the Backup feature in JIRA.

**#36 - 2011-04-12 16:33 - Ahmed Mseddi**

Hi all

I am using Redmine 1.1.2 and when trying to import xml dump from Jira, the following error occurs :

loading file

items enumerated

Migrating projects.rake aborted!

Mysql::Error: Duplicate entry '3-4' for key 'projects\_trackers\_unique': INSERT INTO `projects\_trackers` (`project\_id`, `tracker\_id`) VALUES (3, 4)

So as suggested, I commented the lines `project.trackers << TRACKER_XXX`. The import was successful but all issues had bug Tracker and open Status.

Moreover the unassigned issues were assigned to user Unassigned unassigned ([unassigned@foo.bar](mailto:unassigned@foo.bar)) and the import stopped after importing 1000 issues (my XML contains 4040 issues).

Did someone has encountered this issues ? Do you have any ideas on how to fix them ?

Thanks.

**#37 - 2011-06-04 19:09 - Tom Rochette**

- *File migrate\_from\_jira.rake added*

I had the problem previously mentioned where it would try to insert into `project_trackers_unique` already existing trackers. Here is a fix to Kevin Marvin, 2010-09-03 17:18 .rake file.

**#38 - 2011-06-07 06:28 - Luciano Pacheco**

- *File migrate\_jira.rake added*

I did a new script to migrate from Jira to Redmine, of course it's based on the original one.

This script migrates Issue Types, Issue Status, Issue Priorities (this 3 can be configured), Users, Projects, Issues and Comments. Also tried migrate the Attachments, but I don't have access to the files, so I can't **really** test this.

The Users migrations is the most slowly, so if you have a lot of Users in Jira you'll take a long time, if you have like 10-20 users will take just 2 minutes.

The script is based the full backup xml Jira file, that need to be called **backup\_jira.xml** (or you need to change the name in the script sources).

The first time you run the script it will generate a **yaml** file so you can configure 3 migrations options:

Issues Priorities, Issues Types and Issue Status, because you can choose to integrates some options together or just create the same options on Redmine, you need to change this. I put some default values to Jira defaults.

If you want to customise the migration, all the trick is done in class Methods (**red\_\*** and **jira\_\***). When you call a **jira\_\*** the class will try to get the value from a xml tag attribute or from a children tag.

The **red\_\*** is the name of the fields on Redmine.

Others 2 methods that can be used is `before_save`, that is called before save the Redmine model, so you can setup new values in the models fields, before save it. And the `post_migrate` methods, because sometimes you need the model saved to do somethings.

I'm not a experienced rubyst, yet, so it's the code that I could produced. :-)

I have a problem when running this script on production, with a require 'config/environment', that I need to change to do a relative, something like that: "`File.expand_path(' ../../config/boot', __FILE__)`". But in my development enviroment, is exactly this script. :-/

### #39 - 2011-06-13 22:54 - Anjani Kumar

Tom Rochette wrote:

```
I had the problem previously mentionned where it would try to insert into project_trackers_unique already existing trackers. Here is a fix to Kevin Marvin, 2010-09-03 17:18 .rake file.
```

Hello Tom, I am using latest rake provided by you you but stuck on mentioned error.

Jira issue xml file [SearchRequest.xml]: /var/www/redmine/lib/tasks/rss\_backup\_jira.xml

Target project identifier []: Jira

Unable to create a project with identifier 'Jira'!

Target project identifier []: jjira

loading file

items enumerated

Migrating projects....

Migrating components

Migrating issues .rake aborted!

Validation failed: Author can't be blank

/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active\_record/validations.rb:1102:in `save\_without\_dirty!'

/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active\_record/dirty.rb:87:in `save\_without\_transactions!'

/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active\_record/transactions.rb:200:in `save!'

/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active\_record/connection\_adapters/abstract/database\_statements.rb:136:in `transaction'

/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active\_record/transactions.rb:182:in `transaction'

/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active\_record/transactions.rb:200:in `save!'

/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active\_record/transactions.rb:208:in `rollback\_active\_record\_state!'

/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active\_record/transactions.rb:200:in `save!'

/var/www/redmine/lib/tasks/migrate\_from\_jira.rake:274:in `migrate'

/var/www/redmine/lib/tasks/migrate\_from\_jira.rake:245:in `each'

/var/www/redmine/lib/tasks/migrate\_from\_jira.rake:245:in `migrate'

/usr/lib/ruby/gems/1.8/gems/activesupport-2.3.11/lib/active\_support/ordered\_hash.rb:115:in `each'

/usr/lib/ruby/gems/1.8/gems/activesupport-2.3.11/lib/active\_support/ordered\_hash.rb:115:in `each'

/var/www/redmine/lib/tasks/migrate\_from\_jira.rake:243:in `migrate'

/var/www/redmine/lib/tasks/migrate\_from\_jira.rake:182:in `open'

/var/www/redmine/lib/tasks/migrate\_from\_jira.rake:182:in `migrate'

/var/www/redmine/lib/tasks/migrate\_from\_jira.rake:384

/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_jira
```

I am in urgent need for transitioning to redmine as jira license is about to expire soon.Regards!

#### #40 - 2011-07-13 15:17 - Roman Vishnevsky

Ahmed Mseddi wrote:

*Moreover the unassigned issues were assigned to user Unassigned unassigned ([unassigned@foo.bar](mailto:unassigned@foo.bar)) and the import stopped after importing 1000 issues (my XML contains 4040 issues).*

*Did someone has encountered this issues ? Do you have any ideas on how to fix them ?*

*Thanks.*

Hi, You url after chose XML in issues like this:

<http://myjira.domain.org/sr/jira.issueviews:searchrequest-xml/temp/SearchRequest.xml?jqlQuery=project+%3D+GJ&#38;tempMax=1000>

set by hand in url tempMax=10000

#### #41 - 2011-09-27 12:44 - Carlos Scaloni

I can't do the migration... I have this error all the time:

```
redmine:/usr/local/lib/redmine-1.2# rake RAILS_ENV="production" db:migrate_jira --trace  
(in /usr/local/lib/redmine-1.2)  
rake aborted!  
Don't know how to build task 'db:migrate_jira'  
/usr/lib/ruby/1.8/rake.rb:1728:in `[]'  
/usr/lib/ruby/1.8/rake.rb:2050: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
```

Can someone help me, please?

#### #42 - 2011-09-27 12:54 - Carlos Scaloni

If I type "rake -T" I can see this:

```
rake jira_migration:do_all_migrations      # Tests all parsers!  
rake jira_migration:generate_conf        # Generates the configuration for the map things from Jira to Redmine  
rake jira_migration:migrate_attachments  # Migrates Jira Issues Attachments to Redmine Attachments  
rake jira_migration:migrate_comments     # Migrates Jira Issues Comments to Redmine Issues Journals (Notes)  
rake jira_migration:migrate_issue_priorities # Migrates Jira Issue Priorities to Redmine Priorities  
rake jira_migration:migrate_issue_status  # Migrates Jira Issue Status to Redmine Status  
rake jira_migration:migrate_issue_types   # Migrates Jira Issue Types to Redmine Trackes  
rake jira_migration:migrate_issues       # Migrates Jira Issues to Redmine Issues  
rake jira_migration:migrate_projects     # Migrates Jira Projects to Redmine Projects  
rake jira_migration:migrate_users        # Migrates Jira Users to Redmine Users  
rake jira_migration:pre_conf             # Gets the configuration from YAML  
rake jira_migration:test_all_migrations  # Tests all parsers!  
rake jira_migration:test_parse_comments  # Just pretty print Jira Comments on screen  
rake jira_migration:test_parse_issues    # Just pretty print Jira Issues on screen  
rake jira_migration:test_parse_projects  # Just pretty print Jira Projects on screen  
rake jira_migration:test_parse_users     # Just pretty print Jira Users on screen
```

#### #43 - 2011-09-27 13:56 - Carlos Scaloni

I answer my question... It works great!! 100%

My HoWTo:

1. Go to Jira Administration -> Import & Export -> Backup Data to XML (\*) \* It's possible you have to configure a Backup Dir In the file:  
/usr/local/jira/atlassian-jira-enterprise-4.1.2-standalone/atlassian-jira/WEB-INF/classes/jira-application.properties  
For example adding this line: jira.paths.safe.backup.path=/tmp
2. Save the backup with the name: backup\_jira.xml
3. Put this file in the main dir of redmine. In my case: /usr/local/lib/redmine-1.2
4. Download the script "migrate\_jira.rake" developed by Luciano Pacheco: [http://www.redmine.org/attachments/download/6106/migrate\\_jira.rake](http://www.redmine.org/attachments/download/6106/migrate_jira.rake)
5. Put the script in the [redmine dir]/lib/tasks/. In my case: /usr/local/lib/redmine-1.2/lib/tasks/
6. Now: cd /usr/local/lib/redmine-1.2

7. And: rake jira\_migration:test\_all\_migrations RAILS\_ENV="production"

Before this command we are getting a file called "map\_jira\_to\_redmine.yml"

8. Edit this file with the editor you want (vi, pico, nano...). For instance: pico map\_jira\_to\_redmine.yml

9. This file contains the priorities, types and status of your Jira Projects. On the left side Jira Features, On the right side Redmine Features. You can adjust your Redmine, for example the trackers in the Administration web section to link exactly with the features of your Jira Projects. You can do it the same process with the states and priorities.

10. Once you set this file. You only have to run this: rake jira\_migration:do\_all\_migrations RAILS\_ENV="production"

I hope this help to somebody!!

Thanks a lot to Luciano Pacheco by his time and work developing scripts!

#### #44 - 2011-09-27 23:01 - Luciano Pacheco

Thanks Carlos by improving the documentation.

About creating users in projects. In my case, my company was re-organizing the projects and users, so users were created before migration of tickets.

But in case somebody needs it, you can "stole" from other script, see the relevant part here :

[http://www.redmine.org/attachments/6097/migrate\\_from\\_jira.rake#L152](http://www.redmine.org/attachments/6097/migrate_from_jira.rake#L152) ;-)

#### #45 - 2011-09-28 18:54 - Nicolas Kopp

seems to work fine following Carlos' HowTo, until we reach this point:

```
rake aborted!  
private method `sub' called for nil:NilClass  
C:/Program Files/Apache Software Foundation/Apache2.2/htdocs/redmine/lib/tasks/m  
igrate_jira.rake:193:in `red_lastname'  
C:/Program Files/Apache Software Foundation/Apache2.2/htdocs/redmine/lib/tasks/m  
igrate_jira.rake:72:in `send'  
C:/Program Files/Apache Software Foundation/Apache2.2/htdocs/redmine/lib/tasks/m  
igrate_jira.rake:72:in `run_all_redmine_fields'  
C:/Program Files/Apache Software Foundation/Apache2.2/htdocs/redmine/lib/tasks/m  
igrate_jira.rake:68:in `each'  
C:/Program Files/Apache Software Foundation/Apache2.2/htdocs/redmine/lib/tasks/m  
igrate_jira.rake:68:in `run_all_redmine_fields'  
C:/Program Files/Apache Software Foundation/Apache2.2/htdocs/redmine/lib/tasks/m  
igrate_jira.rake:78:in `migrate'  
C:/Program Files/Apache Software Foundation/Apache2.2/htdocs/redmine/lib/tasks/m  
igrate_jira.rake:183:in `migrate'  
C:/Program Files/Apache Software Foundation/Apache2.2/htdocs/redmine/lib/tasks/m  
igrate_jira.rake:600  
C:/Program Files/Apache Software Foundation/Apache2.2/htdocs/redmine/lib/tasks/m  
igrate_jira.rake:598:in `each'  
C:/Program Files/Apache Software Foundation/Apache2.2/htdocs/redmine/lib/tasks/m  
igrate_jira.rake:598  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:636:in `call'
```

```
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:636:in `execute'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:631:in `each'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:631:in `execute'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:597:in `invoke_with_cal  
l_chain'  
C:/Ruby187/lib/ruby/1.8/monitor.rb:242:in `synchronize'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:590:in `invoke_with_cal  
l_chain'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:607:in `invoke_prerequi  
sites'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:604:in `each'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:604:in `invoke_prerequi  
sites'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:596:in `invoke_with_cal  
l_chain'  
C:/Ruby187/lib/ruby/1.8/monitor.rb:242:in `synchronize'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:590:in `invoke_with_cal  
l_chain'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:583:in `invoke'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2051:in `invoke_task'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2029:in `top_level'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2029:in `each'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2029:in `top_level'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_excep  
tion_handling'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2023:in `top_level'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2001:in `run'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_excep  
tion_handling'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:1998:in `run'  
C:/Ruby187/lib/ruby/gems/1.8/gems/rake-0.8.7/bin/rake:31  
C:/Ruby187/bin/rake:19:in `load'  
C:/Ruby187/bin/rake:19
```

No Idea what that could be...

Any Ideas from you guys out there?

#### #46 - 2011-09-28 18:55 - Nicolas Kopp

oh and this happens right after the successful user import.

#### #47 - 2011-11-25 15:00 - Alexey Goldbergs

Going through [Carlos' HowTo](#) but have the same issue as [Anjani](#).

Accordingly to the trace the users is migrated

```
** Invoke jira_migration:migrate_users (first_time)  
** Invoke environment  
** Execute jira_migration:migrate_users
```

But there're no migrated users in Redmine (Administration->Users) and when issues migration started I have an error:

Validation failed: Author can't be blank

I have just one difference from Anjani's error that I'm using rake v.0.8.7 instead of v.0.9.2 because accordingly to the [Redmine installation guide](#) rake 0.9.x is not supported by Rails yet.

Any ideas on how to fix this?

#### #48 - 2012-06-13 15:12 - Rudy Attias

- File `migrate_jira.rake` added

I came across the same issues as [Anjani](#) and [Alexey](#) while migrating from Jira 5.0.6, it seems that they have change the XML backup format. I've adjusted `migrate_jira.rake` to work for me and its attached to this post, enjoy.

#### #49 - 2013-02-08 10:21 - Mario Wündsich

Hi all,

Jira Version 5.1 is now the current version. The jira backup is now an zip file which contains a "entities.xml" and a "activeobjects.xml". I think atlassian have changed it complete.

I read all comment but I am not sure, if the the RSS import is working now.

I think do have a better support possibility we should open a github project for the jira redmine import. I've created one :

<https://github.com/wuendsich/jira2redmine> I will take your rake files and patches and commit it to the repo. I will try it, but It will be better if I have some help here. Please inform me or better collaborate with me directly on github.

Thank you

Mario

#### #50 - 2015-01-26 10:27 - Loris Eynard

Hello all,

I made it works for me.

My version are:

- Jira version 6.4-OD-13-026

- Redmine 2.6.1-0

If this can help I share what I've done to make it works for me:

- In Jira, go to Administration--> System --> Backup manager and perform a backup.

- Copy the script `migrate_jira.rake` in `redmine/htdocs/lib/tasks` (as my instal ir from redmine it is in `/myinstall_of_redmine/apps/redmine/htdocs/...`)

- copy the backup in `../redmine/htdocs/`

- run `rake jira_migration:test_all_migrations RAILS_ENV="production"` , a file `map_jira_to_redmine.yml` is created

- modify this file according to your issues types, status and priorities

- I had to modify the script because in my Jira export, the `firstName` tag of user was empty. So I modified the script line 459.

- then run `rake jira_migration:do_all_migrations RAILS_ENV="production"`

Voila.

Hope this helps.

p.s: I've seen Carlos Scaloni post after starting mine so I decided to post anyway ;)

#### #51 - 2015-03-04 11:33 - Rémy L

I guys, i have some issues when i attempt to run (rake jira\_migration:test\_all\_migrations RAILS\_ENV="production") command.  
I have a nice "rake aborted !" "cannot load such file -- config/environment" and many things like  
"/usr/local/rvm/gems/ruby-2.0.0-p598/gems/activesupport-3.2.19/lib/active\_support/dependencies.rb:251:in `require'"

My Environment:

```
Redmine version      2.5.3.stable.14044
Ruby version         2.0.0-p598 (2014-11-13) [x86_64-linux]
Rails version        3.2.19
Environment          production
Database adapter     Mysql2
```

My Gem version:

2.4.3

If you have any idea ..

#### #52 - 2018-06-22 10:02 - Go MAEDA

- Duplicated by Feature #29097: Migrate tickets from jira to redmine added

#### #53 - 2018-08-15 18:13 - Bartłomiej Ekiert

I have tool for Windows to migrate this data via API.

<http://rozwiazaniait.com/index.php/jira-to-redmine-importer/>

#### #54 - 2018-08-25 19:16 - Esteban Paredes

Bartłomiej Ekiert wrote:

*I have tool for Windows to migrate this data via API.*

<http://rozwiazaniait.com/index.php/jira-to-redmine-importer/>

Hello, your application is not in english, nor the page so it was impossible to us to understand what to do.

#### Files

migrate_from_jira.rake	11.6 KB	2008-06-05	Charles L
migrate_from_jira.rake.patch	3.5 KB	2010-02-01	Marcel Waldvogel
migrate_from_jira.rake	11.6 KB	2010-02-01	Marcel Waldvogel
migrate_from_jira.rake	11.7 KB	2010-05-21	Nikolay Artemenko
migrate_from_jira.rake	13.1 KB	2010-09-03	Kevin Marvin
migrate_from_jira.rake	13.2 KB	2011-06-04	Tom Rochette
migrate_jira.rake	19.2 KB	2011-06-07	Luciano Pacheco
migrate_jira.rake	18.1 KB	2012-06-13	Rudy Attias