

Redmine - Feature #12114

Usage of Redmine.pm in combination with an alternative svn config-dir

2012-10-16 15:46 - R Sonnenberg

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|-----------------|--------|-----------------|-----------|
| Status: | New | Start date: | |
| Priority: | Normal | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | SCM | Estimated time: | 0.00 hour |
| Target version: | | | |
| Resolution: | | | |

Description

A lot has been written about this issue already, but despite all the helpful answers of everybody on this forum, I did not find a solution to my problem today.

Description

when you need to provide an alternative svn config-dir for your subversion installation (for example, when your apache user needs to permanently accept a self-signed certificate), the only way to do so is by modifying Redmine.pm. If you use alternative methods (for example the existing [scm_subversion_command] in configuration.yml or by changing the SVN_BIN in Redmine.pm), you will receive error messages in your apache error log.

Apache error log states:
sh: 'svn --config-dir /path/to/svnconfig' not found

Even though the comments in configuration.yml state that only the full path to the executable should be added (explaining the error messages we see), I believe a small change to Redmine may make everybody's lives much easier!

Proposed solution

add an additional configuration directive to configuration.yml called [scm_subversion_config_dir] which allows people to set their configuration directory manually and without altering Redmine.pm

Personally, I would like to see this added to the 1.3.x branch of Redmine, since I am on Ubuntu 12.04 LTS and will likely be on this version for quite a while before being able to migrate to Redmine 2.x

Temporary workaround

On line 35 (of the original Redmine.pm shipped with version 1.3.2 from the Ubuntu 12.04 repo), replace:

@sq_bin ||= shell_quote_command

with

@sq_bin ||= shell_quote_command << " --config-dir /usr/share/redmine/svn"

This ensures that the parameter is added to all subversion commands and that it still allows usage of the [scm_subversion_command] option.

Related issue

[\[http://www.redmine.org/boards/2/topics/24818?r=33882#message-33882\]](http://www.redmine.org/boards/2/topics/24818?r=33882#message-33882)

System information

About your application's environment
Ruby version 1.8.7 (x86_64-linux)
RubyGems version 1.8.15
Rack version 1.3
Rails version 2.3.14

| | |
|-------------------------|--------------------|
| Active Record version | 2.3.14 |
| Active Resource version | 2.3.14 |
| Action Mailer version | 2.3.14 |
| Active Support version | 2.3.14 |
| Edge Rails revision | unknown |
| Application root | /usr/share/redmine |
| Environment | production |
| Database adapter | mysql |
| Database schema version | 20110902000000 |

History

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Alternative workaround

As an alternative solution to this entire issue of accepting self signed certificates permanently, you can also add your own certificate to subversions' list of accepted certificates:

- Edit the file
/etc/subversion/servers
- Add the following line:
ssl-authority-files = /path/to/your/certificate.pem