

Redmine - Feature #281

Password-protected SVN repositories...

2007-03-08 17:11 - Chris Grant

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Resolution:			
Description			
It would be great to be able to access password-protected repositories. I'm not sure if this support is already present but, if it is, I've not been able to find it.			
Thanks, Chris			

History

#1 - 2007-03-09 13:11 - Jean-Philippe Lang

The feature has just been committed in the repository.
Two properties were added to the repository: login and password.

Regards

#2 - 2007-03-09 13:44 - Chris Grant

I've updated to the newest build, migrated the database and attempted to use this new feature. First, I added the login and password to the already-existing repository URL for the project but it did not update. I disabled the repository for the project which deleted it from the database. After the entry was removed from the database, I attempted to enable the repository, providing a URL, login and password, but it threw an exception:

```
NoMethodError in ProjectsController#edit
undefined method `password=' for #<Repository:0x312ce58>
```

```
#{RAILS_ROOT}/app/controllers/projects_controller.rb:113:in
`edit'
```

```
Parameters: {"commit"=>"Save",
"repository"=>{"url"=>"http://
svn.domain.com/project",
"password"=>"somepass",
"login"=>"username"},
"project"=>{"name"=>"My Project",
"description"=>"Cool Project",
"homepage"=>"http://www.myproject.com/",
"is_public"=>"0"},
"id"=>"1",
"repository_enabled"=>"1"}
```

I hope you can make sense of this ... I see that you have the idea of a repository implemented in a few places and I'm sure you can nail down this problem faster than I can make sense of it all. ;)

Thanks for adding this functionality so quickly!

#3 - 2007-03-09 14:06 - Chris Grant

Ok, I deleted the whole project and created a new one ... this time, when adding the SVN details (including login and password), the SVN credentials were stored and allow me to access SVN repository and details.

So, the problem seems to be limited to updating a current project rather than creating a new one.

#4 - 2007-03-09 15:00 - Jean-Philippe Lang

I've updated a few projects and didn't have any problem.

I can't see why you got an undefined method `password=' for #<Repository:0x312ce58> error if the password field was added in the database and your app was properly restarted, since this method is automatically defined by AR.

Let me know if you experience this problem again.

Thanks.

#5 - 2007-03-09 16:17 - Chris Grant

Yeah, after looking through the code, this matter is entirely driven by AR. I was sure to shutdown, update/migrate, clear session information and then restart. I don't know why it bombed but it's working now. Again, I appreciate the quick feature addition.

#6 - 2007-03-09 18:20 - Chris Grant

One last request on this issue...

In the name of security, I'm going to look into how we can store the password within the database differently. I notice that the password is stored in clear-text within the database. This is necessary because redMine needs to pass it on to the repository.

First of all, even simply-encrypted would fair better than leaving the password in clear-text. I'll look around to see how other organizations are implementing encryption on values that they'll need to know (not just simple hashing).

Also, another approach would be to have the SVN repository password only stored for as long as needed (i.e. within the session). This, too, would be encrypted and only asked for once within a session. Personally, I feel that this is the most secure way of handling this ... at least for my own paranoid needs.

If anyone has any suggestions as to how they'd implement this stuff, start up a forum post and we'll collaborate.

-Chris

#7 - 2007-03-14 11:43 - Jean-Philippe Lang

I close this feature since it has been implemented. If you have specific needs concerning password storage security, you can open a new request.