

Redmine - Defect #29601

Redmine::VERSION::revision may return wrong value

2018-09-13 03:45 - Yuichi HARADA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Administration	Estimated time:	0.00 hour
Target version:	4.1.0	Affected version:	
Resolution:	Fixed		

Description

Currently, Redmine::VERSION::revision return 'Revision'.

```
$ ruby bin/about
```

Environment:

```
Redmine version      3.4.3.stable.17480
Ruby version         2.2.5-p319 (2016-04-26) [x86_64-darwin17]
Rails version        4.2.8
Environment          production
Database adapter     SQLite
```

SCM:

```
Subversion          1.9.7
Git                 2.15.2
```

Filesystem

Redmine plugins:

```
no plugin installed
```

But, Revision of checkout URL is 'Last Changed Rev'.

```
$ svn info --xml
```

```
<?xml version="1.0" encoding="UTF-8"?>
<info>
<entry
  path="."
  revision="17480"
  kind="dir">      <!-- Currently shown Redmine::VERSION::revision (17480) -->
<url>https://svn.redmine.org/redmine/tags/3.4.3</url>
<relative-url>^/tags/3.4.3</relative-url>
<repository>
<root>https://svn.redmine.org/redmine</root>
<uuid>e93f8b46-1217-0410-a6f0-8f06a7374b81</uuid>
</repository>
<wc-info>
<wcroot-abspath>/path/to/redmine</wcroot-abspath>
<schedule>normal</schedule>
<depth>infinity</depth>
</wc-info>
<commit
  revision="17010">  <!-- Revision of checkout URL (17010) -->
```

```
<author>jplang</author>
<date>2017-10-15T19:54:11.195354Z</date>
</commit>
</entry>
</info>
```

I would like to change it as follows.

Index: lib/redmine/version.rb

```
=====
diff --git a/trunk/lib/redmine/version.rb b/trunk/lib/redmine/version.rb
--- a/trunk/lib/redmine/version.rb (revision 17480)
+++ b/trunk/lib/redmine/version.rb (working copy)
@@ -18,7 +18,7 @@
   if File.directory?(File.join(Rails.root, '.svn'))
     begin
       path = Redmine::Scm::Adapters::AbstractAdapter.shell_quote(Rails.root.to_s)
-      if `#{Redmine::Scm::Adapters::SubversionAdapter.client_command} info --xml #{path}` =~ /revision="(\d+)/
+      if `#{Redmine::Scm::Adapters::SubversionAdapter.client_command} info --xml #{path}` =~ /commit\s+revision="(\d+)/
         return $1.to_i
       end
     rescue
```

Associated revisions

Revision 18594 - 2019-10-05 07:46 - Go MAEDA

Redmine::VERSION::revision may return wrong value (#29601).

Patch by Yuichi HARADA.

History

#1 - 2018-09-13 04:07 - Yuichi HARADA

- File *redmine_version_revision_change_to_last_changed_rev.patch* added

I posted a patch file.

#2 - 2018-09-18 03:46 - Go MAEDA

- Category set to Administration

#3 - 2019-10-04 16:25 - Go MAEDA

- File *admin-info-before@2x.png* added

- File *admin-info-after@2x.png* added

- Status changed from New to Confirmed

- Target version set to 4.2.0

I have confirmed the issue.

Now the current directory is the working copy of /branches/4.0-stable branch.

```
laphroaig:4.0-stable maeda$ svn info
Path: .
Working Copy Root Path: /Users/maeda/redmines/4.0-stable
URL: https://svn.redmine.org/redmine/branches/4.0-stable
Relative URL: ^/branches/4.0-stable
Repository Root: https://svn.redmine.org/redmine
Repository UUID: e93f8b46-1217-0410-a6f0-8f06a7374b81
Revision: 18593
Node Kind: directory
Schedule: normal
Last Changed Author: maeda
Last Changed Rev: 18591
Last Changed Date: 2019-10-04 08:30:08 +0900 (Fri, 04 Oct 2019)
```

The latest change is !r18591.

```
laphroaig:4.0-stable maeda$ svn log | head
-----
r18591 | maeda | 2019-10-04 08:30:08 +0900 (Fri, 04 Oct 2019) | 2 lines

Merged r18589 from trunk to 4.0-stable (#32110).

-----
r18590 | maeda | 2019-10-04 08:28:00 +0900 (Fri, 04 Oct 2019) | 2 lines

Merged r18588 from trunk to 4.0-stable (#32189).
```

But the admin/info page says the revision is !r18593.

admin-info-before@2x.png

After applying the patch, admin/info page reports the correct revision number !r18591.

admin-info-after@2x.png

#4 - 2019-10-04 16:30 - Go MAEDA

- Subject changed from When using 'svn checkout' to acquire Redmine, Redmine::VERSION::revision should be 'Last Changed Rev' to Redmine::VERSION::revision may return wrong value

#5 - 2019-10-05 02:25 - Go MAEDA

We don't have to parse XML with regexp if we use `svn info --show-item last-changed-revision`. The command simply returns the number of last changed revision without any other unnecessary data.

```
$ svn info
Path: .
Working Copy Root Path: /Users/maeda/redmines/4.0-stable
```

URL: https://svn.redmine.org/redmine/branches/4.0-stable
Relative URL: ^/branches/4.0-stable
Repository Root: https://svn.redmine.org/redmine
Repository UUID: e93f8b46-1217-0410-a6f0-8f06a7374b81
Revision: 18593
Node Kind: directory
Schedule: normal
Last Changed Author: maeda
Last Changed Rev: 18591
Last Changed Date: 2019-10-04 08:30:08 +0900 (Fri, 04 Oct 2019)

```
$ svn info --show-item last-changed-revision  
18591
```

```
diff --git a/lib/redmine/version.rb b/lib/redmine/version.rb  
index 03eeadef9..40122ebd6 100644  
--- a/lib/redmine/version.rb  
+++ b/lib/redmine/version.rb  
@@ -20,9 +20,7 @@ module Redmine  
  if File.directory?(File.join(Rails.root, '.svn'))  
    begin  
      path = Redmine::Scm::Adapters::AbstractAdapter.shell_quote(Rails.root.to_s)  
-     if `#{Redmine::Scm::Adapters::SubversionAdapter.client_command} info --xml #{path}` =~ /revision="(\\d+)/"  
-       return $1.to_i  
-     end  
+     return Integer(`#{Redmine::Scm::Adapters::SubversionAdapter.client_command} info --show-item last-changed-revision #{path}`)  
    rescue  
      # Could not find the current revision  
    end  
  end  
end
```

#6 - 2019-10-05 04:59 - Mischa The Evil

Go MAEDA wrote:

```
| We don't have to parse XML with regexp if we use `svn info --show-item last-changed-revision`.
```

That's nice indeed. The issue however could be that by utilizing `svn info --show item ...` we effectively drop support for Subversion <1.9 because that command is introduced only as part of the 1.9 branch (see the [Subversion Mailinglist thread](#)).

Given the circumstances, I don't think that this change in approach of getting the revision number with the corresponding performance increase is worth the raise of compatibility requirements for the Subversion binary.

#7 - 2019-10-05 05:47 - Go MAEDA

Mischa The Evil wrote:

```
| The issue however could be that by utilizing svn info --show item ... we effectively drop support for Subversion <1.9 because that command is introduced only as part of the 1.9 branch (see the Subversion Mailinglist thread).
```

Thanks, I didn't know that the option is only available in Subversion 1.9. The patch I posted should not be applied.

#8 - 2019-10-05 07:47 - Go MAEDA

- Status changed from Confirmed to Closed
- Assignee set to Go MAEDA
- Target version changed from 4.2.0 to 4.1.0
- Resolution set to Fixed

Committed the patch. Thank you for your contribution.

#9 - 2019-10-06 05:26 - Mischa The Evil

Go MAEDA wrote:

Mischa The Evil wrote:

The issue however could be that by utilizing `svn info --show item ...` we effectively drop support for Subversion <1.9 because that command is introduced only as part of the 1.9 branch (see the [Subversion Mailinglist thread](#)).

Thanks, I didn't know that the option is only available in Subversion 1.9.

FWIW and FTR: what I meant to say is that the `svn info --show item ...` command is only available in Subversion 1.9 **and up**, not that it is 1.9 only.

Files

redmine_version_revision_change_to_last_changed_rev.patch	752 Bytes	2018-09-13	Yuichi HARADA
admin-info-before@2x.png	19.7 KB	2019-10-04	Go MAEDA
admin-info-after@2x.png	19.4 KB	2019-10-04	Go MAEDA