

## Redmine - Defect #32110

### "already initialized constant Redmine::Scm::Adapters::SubversionAdapter::SVN\_BIN" warning when executing rake tasks

2019-09-22 08:31 - Go MAEDA

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Code cleanup/refactoring	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.0.5	<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		
<b>Description</b>			
<pre>\$ bin/rails db:fixtures:load /Users/maeda/redmines/redmine-trunk/lib/redmine/scm/adapters/subversion_adapter.rb:29: warning: already initialized constant Redmine::Scm::Adapters::SubversionAdapter::SVN_BIN /Users/maeda/redmines/redmine-trunk/lib/redmine/scm/adapters/subversion_adapter.rb:29: warning: previous definition of SVN_BIN was here</pre>			
<b>Related issues:</b>			
Related to Redmine - Defect #28920: Redmine::VERSION::revision should take su... <b>Closed</b>			

#### Associated revisions

##### Revision 18589 - 2019-10-03 15:40 - Go MAEDA

Fix "already initialized constant Redmine::Scm::Adapters::SubversionAdapter::SVN\_BIN" warning when executing rake tasks (#32110).

Patch by Go MAEDA.

##### Revision 18591 - 2019-10-04 01:30 - Go MAEDA

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

#### History

##### #1 - 2019-09-22 10:49 - Go MAEDA

I found that the following change fixes the warning.

```
diff --git a/app/models/repository/bazaar.rb b/app/models/repository/bazaar.rb
index 8b07db34d..f7ad5b62c 100644
--- a/app/models/repository/bazaar.rb
+++ b/app/models/repository/bazaar.rb
@@ -17,7 +17,7 @@
 # along with this program; if not, write to the Free Software
 # Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

-require 'redmine/scm/adapters/bazaar_adapter'
+# require 'redmine/scm/adapters/bazaar_adapter'

class Repository::Bazaar < Repository
  validates_presence_of :url, :log_encoding
diff --git a/app/models/repository/cvs.rb b/app/models/repository/cvs.rb
index e823275e4..03d57549d 100644
--- a/app/models/repository/cvs.rb
+++ b/app/models/repository/cvs.rb
@@ -17,7 +17,7 @@
 # along with this program; if not, write to the Free Software
 # Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

-require 'redmine/scm/adapters/cvs_adapter'
+# require 'redmine/scm/adapters/cvs_adapter'
require 'digest/sha1'

class Repository::Cvs < Repository
diff --git a/app/models/repository/filesystem.rb b/app/models/repository/filesystem.rb
index 5d823b9f4..51a93dfa1 100644
--- a/app/models/repository/filesystem.rb
```

```

+++ b/app/models/repository/filesystem.rb
@@ -20,7 +20,7 @@
 # along with this program; if not, write to the Free Software
 # Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

-require 'redmine/scm/adapters/filesystem_adapter'
+# require 'redmine/scm/adapters/filesystem_adapter'

class Repository::Filesystem < Repository
  validates_presence_of :url
diff --git a/app/models/repository/git.rb b/app/models/repository/git.rb
index 839a26676..b367fe06e 100644
--- a/app/models/repository/git.rb
+++ b/app/models/repository/git.rb
@@ -18,7 +18,7 @@
 # along with this program; if not, write to the Free Software
 # Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

-require 'redmine/scm/adapters/git_adapter'
+# require 'redmine/scm/adapters/git_adapter'

class Repository::Git < Repository
  validates_presence_of :url
diff --git a/app/models/repository/mercurial.rb b/app/models/repository/mercurial.rb
index 69f7bebdc..ac2921ccc 100644
--- a/app/models/repository/mercurial.rb
+++ b/app/models/repository/mercurial.rb
@@ -17,7 +17,7 @@
 # along with this program; if not, write to the Free Software
 # Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

-require 'redmine/scm/adapters/mercurial_adapter'
+# require 'redmine/scm/adapters/mercurial_adapter'

class Repository::Mercurial < Repository
  # sort changesets by revision number
diff --git a/app/models/repository/subversion.rb b/app/models/repository/subversion.rb
index 0f01f863f..8e7962cd5 100644
--- a/app/models/repository/subversion.rb
+++ b/app/models/repository/subversion.rb
@@ -17,7 +17,7 @@
 # along with this program; if not, write to the Free Software
 # Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

-require 'redmine/scm/adapters/subversion_adapter'
+# require 'redmine/scm/adapters/subversion_adapter'

class Repository::Subversion < Repository
  validates_presence_of :url

```

## #2 - 2019-10-02 06:36 - Go MAEDA

The warning can be observed only when the current directory is a working copy of the Subversion repo. It means that you obtained the source code of Redmine using "svn" command.

## #3 - 2019-10-02 08:41 - Go MAEDA

It is caused by [r17407](#). Reverting the change fixes the issue.

## #4 - 2019-10-02 08:42 - Go MAEDA

- Related to Defect #28920: Redmine::VERSION::revision should take subversion\_command setting into account added

## #5 - 2019-10-02 09:00 - Go MAEDA

Here is a workaround.

```

diff --git a/lib/redmine/version.rb b/lib/redmine/version.rb
index 8272e29e4..2fe75c55e 100644
--- a/lib/redmine/version.rb
+++ b/lib/redmine/version.rb
@@ -1,6 +1,7 @@
 # frozen_string_literal: true

require 'rEXML/document'

```

```
+require 'redmine/scm/adapters/subversion_adapter'
```

```
module Redmine  
  # @private
```

Calling Redmine::Scm::Adapters::SubversionAdapter.client\_command before requiring redmine/scm/adapters/subversion\_adapter in the development mode gets the warning.

```
$ bin/rails c  
Loading development environment (Rails 5.2.3)  
[1] pry(main)> Redmine::Scm::Adapters::SubversionAdapter.client_command  
=> "/usr/local/bin/svn"  
[2] pry(main)> require 'redmine/scm/adapters/subversion_adapter'  
/Users/maeda/redmines/redmine-trunk/lib/redmine/scm/adapters/subversion_adapter.rb:29: warning: already initialized constant Redmine::Scm::Adapters::SubversionAdapter::SVN_BIN  
/Users/maeda/redmines/redmine-trunk/lib/redmine/scm/adapters/subversion_adapter.rb:29: warning: previous definition of SVN_BIN was here  
=> true  
[3] pry(main)>
```

#### #6 - 2019-10-02 09:52 - Go MAEDA

- Subject changed from "already initialized constant" warning when executing rake tasks to "already initialized constant Redmine::Scm::Adapters::SubversionAdapter::SVN\_BIN" warning when executing rake tasks
- Category set to Code cleanup/refactoring

#### #7 - 2019-10-02 11:18 - Go MAEDA

- Target version set to Candidate for next minor release

#### #8 - 2019-10-03 07:57 - Go MAEDA

- Target version changed from Candidate for next minor release to 4.0.5

Setting the target version to 4.0.5.

The patch to commit: [#32110#note-5](#)

#### #9 - 2019-10-03 15:41 - Go MAEDA

- Status changed from New to Resolved
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the fix.

#### #10 - 2019-10-04 01:30 - Go MAEDA

- Status changed from Resolved to Closed