

## Redmine - Defect #25846

### Repository directory listing: ActionView::Template::Error (incompatible character encodings: ASCII-8BIT and UTF-8)

2017-05-15 10:42 - Marc Vollmer

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	SCM	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	3.3.3
<b>Resolution:</b>			
<b>Description</b>			
Hello,			
we have added 4 repositories (Git Remote) as projectarchives to redmine. When we open those repositories in the projectarchive view 3 of them work, one gives the following error:			
<pre>Started GET "/projects/XXX/repository/XXX" for XXX.XXX.XXX.XXX at 2017-05-15 10:10:00 +0200 Processing by RepositoriesController#show as HTML Parameters: {"id"=&gt;"XXX", "repository_id"=&gt;"XXX"} Current user: XXX (id=135) Rendered repositories/_navigation.html.erb (38.5ms) Rendered repositories/_breadcrumbs.html.erb (0.9ms) Rendered repositories/_dir_list_content.html.erb (10.4ms) Rendered repositories/_dir_list.html.erb (10.9ms) Rendered repositories/show.html.erb within layouts/base (53.8ms) Completed 500 Internal Server Error in 168ms (ActiveRecord: 3.5ms)</pre>			
<pre>ActionView::Template::Error (incompatible character encodings: ASCII-8BIT and UTF-8):   8:           :locals =&gt; { :path =&gt; @path, :kind =&gt; 'dir', :revision =&gt; @rev } %&gt;&lt;/h2&gt;   9:  10: &lt;% if !@entries.nil? &amp;&amp; authorize_for('repositories', 'browse') %&gt;  11:   &lt;%= render :partial =&gt; 'dir_list' %&gt;  12: &lt;% end %&gt;  13:  14: &lt;%= render_properties(@properties) %&gt; app/views/repositories/show.html.erb:11:in `app_views_repositories_show_html_erb__1302325350339 252382_70155590060320' app/controllers/repositories_controller.rb:125:in `show' lib/redmine/sudo_mode.rb:63:in `sudo_mode'</pre>			
My first guess was that theres a directory of file in the repository that has an invalid char as a name, so I wrote a little script to check all filenames against a regex and we just found a file containing a ~ in the name.			
We had this repository working before, so the file must be added in the last 1 to 2 month but the file containing the ~ was added 2 years ago.			
I already tried to re add the repository with no success and other repositories I added as a test also work.			
Thanks for your help in advance!			

#### Associated revisions

**Revision 19534 - 2020-02-27 17:27 - Toshi MARUYAMA**

scm: git: add test to browse non UTF-8 directory (#25846)

#### History

**#1 - 2017-05-15 12:29 - Toshi MARUYAMA**

- File 2.png added

- File 1.png added

- Status changed from New to Needs feedback

I cannot reproduce.

```
root @ master
```

test~  
test.txt~

### Latest revisions

#		
fb34299a	05/15/2017 07:25 PM	
92bcf929	05/15/2017 07:25 PM	

View differences

```
root / test~ @ master
```

test~.txt

### Latest revisions

#	Date
fb34299a	05/15/2017 07:25 PM

#### View revisions

```
$ rpm -q git  
git-1.8.3.1-6.el7_2.1.x86_64
```

#### #2 - 2017-05-15 13:57 - Marc Vollmer

We have multiple repositories (4 configured) 3 work 1 not, as stated it's definitely not the ~ because it's been there for too long and there's also one working repository that also has a ~ in a file name.

We checked all files and directories against the following regex and they all match: `^[a-zA-Z0-9._\-$ ~]+`  
So no files with unusual chars in the name.

As a reference the git version:

```
# zypper if git-core  
Refreshing service 'SUSE_Linux_Enterprise_Server_12_SP2_x86_64'.  
Refreshing service 'SUSE_Linux_Enterprise_Software_Development_Kit_12_SP2_x86_64'.  
Loading repository data...  
Reading installed packages...
```

Information for package git-core:

```
-----  
Repository      : SLES12-SP2-Updates  
Name            : git-core  
Version        : 2.12.0-23.1  
Arch           : x86_64  
Vendor         : SUSE LLC <https://www.suse.com/>  
Support Level  : Level 3  
Installed Size : 29.5 MiB  
Installed      : Yes  
Status         : out-of-date (version 1.8.5.6-18.1 installed)  
Summary        : Core git tools  
Description    :  
    Git is a fast, scalable, distributed revision control system with an  
    unusually rich command set that provides both high-level operations and  
    full access to internals.
```

These are the core tools with minimal dependencies.

Commits with Ticket ID's are referenced in tickets, so scanning also works.

### #3 - 2017-10-05 17:23 - Luc Lalonde

We're also seeing this error:

```
ActionView::Template::Error (incompatible character encodings: ASCII-8BIT and UTF-8):
 27:           :id => 'tag' %>
 28:   <% end -%>
 29:
 30:   <% if @repository.supports_all_revisions? %>
 31:     | <%= l(:label_revision) %>:
 32:     <%= text_field_tag 'rev', @rev, :size => 8 %>
 33:   <% end %>
app/views/repositories/_navigation.html.erb:30:in `block in _app_views_repositories__navigation_html_erb__965151315351232331_69898529566340'
app/views/repositories/_navigation.html.erb:9:in `_app_views_repositories__navigation_html_erb__965151315351232331_69898529566340'
app/views/repositories/show.html.erb:4:in `_app_views_repositories_show_html_erb__2125122647801616403_69898529468540'
app/controllers/repositories_controller.rb:125:in `show'
lib/redmine/sudo_mode.rb:63:in `sudo_mode'
```

This patch solves the problem:

```
[root@githost adapters]# pwd
/var/www/redmine/lib/redmine/scm/adapters
[root@githost adapters]# diff git_adapter.rb git_adapter.rb.bak2017-10-05
89d88
<           bran.force_encoding("UTF-8") if bran.respond_to?(:force_encoding)
103,108c102
< #           @tags = io.readlines.sort!.map{|t| t.strip}
<           @tags = io.readlines.sort!.map do |tag|
<             tag = tag.strip
<             tag.force_encoding("UTF-8") if tag.respond_to?(:force_encoding)
<             tag
<           end
---
>           @tags = io.readlines.sort!.map{|t| t.strip}
```

Here's the link for the original reference:

<https://stackoverflow.com/questions/42804760/error-in-repository-view-redmin-actionviewtemplateerror-incompatible-charac>

Hope this can lea

### #4 - 2017-10-05 17:25 - Luc Lalonde

Forgot these details:

```
Environment:
  Redmine version      3.3.3.stable
  Ruby version         2.3.1-p112 (2016-04-26) [x86_64-linux]
  Rails version        4.2.7.1
  Environment          production
  Database adapter     Mysql2
SCM:
  Subversion          1.7.14
  Git                 1.8.3.1
  Filesystem
Redmine plugins:
  redmine_ldap_sync   2.0.8.devel.gf916e6574e
  timesheet           0.7.0
```

### #5 - 2018-01-18 14:33 - leonid terekhov

Luc Lalonde wrote:

We're also seeing this error:

[...]

This patch solves the problem:

[...]

Here's the link for the original reference:

Hope this can lea

Thank you! It works for me.

**#6 - 2018-08-21 09:09 - Jan Hohmann**

We have the same problem.

Can this fix please be merged into the next release?

Affected Version: 3.4.5

**#7 - 2019-08-28 12:57 - S. Ruttloff**

We had the same problem with Redmine 3.3.1 and could fix it with the patch.

Thanks

**#8 - 2020-02-27 17:57 - Toshi MARUYAMA**

- *Status changed from Needs feedback to Closed*

I think this issue was fixed by [#16881](#) and add a test ([r19534](#)).

**Files**

---

2.png	10.8 KB	2017-05-15	Toshi MARUYAMA
1.png	12.7 KB	2017-05-15	Toshi MARUYAMA