

## Redmine - Defect #13644

### Diff - Internal Error

2013-03-29 19:36 - Todd Hambley

<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>	2.3.1	<b>Affected version:</b>	2.3.0
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Received error 500 attempting to view diff. I attached the files being compared.			
An ActionView::Template::Error occurred in repositories#diff:			
<pre>undefined method `ord' for nil:NilClass lib/redmine/unified_diff.rb:209:in `offsets'</pre>			
<b>Partial Trace:</b>			
<pre>lib/redmine/unified_diff.rb:209:in `offsets' lib/redmine/unified_diff.rb:187:in `write_offsets' lib/redmine/unified_diff.rb:184:in `times' lib/redmine/unified_diff.rb:184:in `write_offsets' lib/redmine/unified_diff.rb:163:in `parse_line' lib/redmine/unified_diff.rb:85:in `add_line' lib/redmine/unified_diff.rb:33:in `initialize' lib/redmine/unified_diff.rb:31:in `each' lib/redmine/unified_diff.rb:31:in `initialize' app/views/common/_diff.html.erb:1:in `new' app/views/common/_diff.html.erb:1:in `_app_views_common__diff_html_erb__374540104_111303620' actionpack (3.2.13) lib/action_view/template.rb:145:in `send' actionpack (3.2.13) lib/action_view/template.rb:145:in `render'</pre>			
<b>Environment:</b>			
<pre>Redmine version      2.3.0.stable.11692 Ruby version         1.8.7 (i686-linux) Rails version        3.2.13 Environment          production Database adapter     MySQL</pre>			

### Associated revisions

#### Revision 11706 - 2013-04-05 07:51 - Toshi MARUYAMA

check integer ordinal range on only Ruby 1.8 (#13644)

#### Revision 11707 - 2013-04-05 09:30 - Toshi MARUYAMA

fix diff error in case of line\_left out of range (#13644)

#### Revision 11708 - 2013-04-05 09:38 - Toshi MARUYAMA

svn propset svn:eol-style native test fixtures (#13644)

#### Revision 11709 - 2013-04-05 11:56 - Toshi MARUYAMA

Merged r11706 and r11707 from trunk to 2.3-stable (#13644)

fix diff error in case of line\_left out of range.

#### Revision 11710 - 2013-04-05 11:59 - Toshi MARUYAMA

## History

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### #1 - 2013-04-01 20:44 - Ivan Cenov

I confirm.

```
Environment:
  Redmine version      2.3.0.stable
  Ruby version         1.9.3 (i386-mingw32)
  Rails version        3.2.13
  Environment          production
  Database adapter     Mysql2

Redmine plugins:
  clipboard_image_paste 1.5
  projects_tree_view    0.0.8
  redmine_apijs         4.2.0
  redmine_code_review   0.6.1
  redmine_didyoumean    1.2.0
  redmine_favourite_projects 0.6
  redmine_information    1.0.2
  redmine_issue_checklist 2.0.5
  redmine_local_avatars 0.1.1
  redmine_pastebin      0.2.0
  redmine_plugin_views_revisions 0.0.1
  redmine_theme_changer 0.1.0
  redmine_user_issues   0.0.2
  redmine_wiki_gchart_formula 0.0.5
  redmine_xls_export    0.2.1
  redmine_youtube       0.0.1
  sidebar_hide          0.0.2
  wiking                0.0.3
```

### #2 - 2013-04-05 02:59 - Jongwook Choi

- File `unified_diff.rb.patch` added

This is a major issue, please fix it ASAP.

The commit that introduced this is [r11549](#) ([#12641](#)). A mistake :(  
In 'lib/redmine/unified\_diff.rb', the following hunks should be fixed:

```
-      while line_left[starting].ord.between?(128, 191) && starting > 0
+      while starting > 0 && line_left[starting].ord.between?(128, 191)
... (omitted) ...
-      while line_left[ending].ord.between?(128, 191) && ending > -1
+      while ending > -1 && line_left[ending].ord.between?(128, 191)
```

I've submitted the patch.

### #3 - 2013-04-05 03:30 - Filou Centrinov

It reminds me to [#12641](#) ([r11551](#)). I suggested at first a the patch containing the lines with ".ord.between?(128, 191)" but recognized later a much more elegant solution and added a second patch that just sets the encoding. The 2nd patch hasn't been taken. Why not simply setting the encoding?

### #4 - 2013-04-05 05:19 - Toshi MARUYAMA

Filou Centrinov wrote:

Why not simply setting the encoding?

Because tests fail on Ruby 1.8.7.

### #5 - 2013-04-05 06:21 - Toshi MARUYAMA

I cannot reproduce on ruby 1.8.7 (2012-10-12 patchlevel 371) [x86\_64-linux].

```
$ irb
1.8.7 :001 > s = "abc"
=> "abc"
1.8.7 :002 > s[-1].ord
=> 99
```

```
1.8.7 :003 > s = "000 "  
=> "\346\227\245\346\234\254\350\252\236"  
1.8.7 :004 > s[-1].ord  
=> 158
```

#### #6 - 2013-04-05 07:22 - Toshi MARUYAMA

- File *b.diff* added
- Status changed from *New* to *Confirmed*

I got it.

#### #7 - 2013-04-05 08:52 - Etienne Massip

- Target version set to *Candidate for next minor release*

#### #8 - 2013-04-05 09:43 - Toshi MARUYAMA

- Target version changed from *Candidate for next minor release* to *2.3.1*

#### #9 - 2013-04-05 14:03 - Toshi MARUYAMA

- Status changed from *Confirmed* to *Closed*
- Resolution set to *Fixed*

Committed in trunk and 2.3-stable.

#### #10 - 2013-07-25 14:19 - Jun NAITOH

"ending" is always negative value.  
I think that I should correct it as follows.

```
--- unified_diff.rb_org 2013-07-25 20:57:37.000000000 +0900  
+++ unified_diff.rb      2013-07-25 21:23:36.000000000 +0900  
@@ -206,12 +206,12 @@  
     end  
     ending = -1  
     while ending >= -(max - starting) && line_left[ending] == line_right[ending]  
       ending -= 1  
     end  
-     if (! "".respond_to?(:force_encoding)) && ending > (-1 * line_left.size)  
-       while line_left[ending].ord.between?(128, 191) && ending > -1  
+     if (! "".respond_to?(:force_encoding))  
+       while ending > (-1 * line_left.size) && line_left[ending].ord.between?(128, 191)  
         ending -= 1  
       end  
     end  
     unless starting == 0 && ending == -1  
       [starting, ending]
```

#### #11 - 2013-07-26 00:29 - Toshi MARUYAMA

Jun NAITOH wrote:

"ending" is always negative value.  
I think that I should correct it as follows.

Could you give me examples or tests?

#### #12 - 2013-07-27 23:53 - Jun NAITOH

- File *unified\_diff.rb\_r12041.diff* added

Sorry, note-10 sample code has a problem.

I rewrote the code, and added test code.

#### #13 - 2013-07-28 12:47 - Toshi MARUYAMA

Jun NAITOH wrote:

Sorry, note-10 sample code has a problem.

I rewrote the code, and added test code.

Thanks.

I have created new issue [#14562](#).

#### Files

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TL_NGRID(376).ASL	4.54 KB	2013-03-29	Todd Hambley
TL_NGRID(374).ASL	4.06 KB	2013-03-29	Todd Hambley
unified_diff.rb.patch	885 Bytes	2013-04-05	Jongwook Choi
b.diff	145 Bytes	2013-04-05	Toshi MARUYAMA
unified_diff.rb_r12041.diff	4.58 KB	2013-07-27	Jun NAITOH