

## Redmine - Defect #36580

### Fix code copying in common browsers

2022-02-06 18:21 - Vitaly vit9696

<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>	Text formatting	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	5.0.0	<b>Affected version:</b>	
<b>Resolution:</b>			
<b>Description</b>			
This patch resolves <a href="https://www.redmine.org/issues/3382">https://www.redmine.org/issues/3382</a> for:			
<ul style="list-style-type: none"><li>• Chrome-based browsers (empty lines do not get copied).</li><li>• Safari (line numbers are inserted to the copied code, empty lines do not get copied, extra spaces are inserted before each line).</li><li>• Firefox (empty lines are inserted to the copied code).</li></ul>			
As for Chrome and Safari the only way to make them properly copy empty newlines is to insert a "br" element instead of "pre".			
As for Safari, data marked as user-select none will still be copied, thus the content trick used in other SCM apps. It is additionally important to put "a" element right after "th", because otherwise there will be spaces in front of the line.			
As for Firefox, there are multiple related issues in their bugtracker:			
<ul style="list-style-type: none"><li>• <a href="https://bugzilla.mozilla.org/show_bug.cgi?id=1273836">https://bugzilla.mozilla.org/show_bug.cgi?id=1273836</a></li><li>• <a href="https://bugzilla.mozilla.org/show_bug.cgi?id=1528442">https://bugzilla.mozilla.org/show_bug.cgi?id=1528442</a></li><li>• <a href="https://bugzilla.mozilla.org/show_bug.cgi?id=1650720">https://bugzilla.mozilla.org/show_bug.cgi?id=1650720</a></li></ul>			
And the only solution seems to mimic pre with div.			
<b>Related issues:</b>			
Related to Redmine - Feature #3382: Ability to select only source code without...		Closed	2009-05-18

#### Associated revisions

##### Revision 21415 - 2022-02-19 08:36 - Go MAEDA

Fix code copying in common browsers (#36580).

Patch by Vitaly vit9696.

#### History

##### #1 - 2022-02-07 08:33 - Go MAEDA

- File safari-without-patch.png added

- File safari-with-patch.png added

Thank you for posting the patch that fixes the issue that has not been fixed for years.

However, I found an issue with Safari that all preceding white spaces of a line are stripped.

before:

```
1 #include <stdio.h>
2
3 int main(void)
4 {
5     printf("hello, world\n");
6     return 0;
7 }
```

after:

safari-with-patch.png

#2 - 2022-02-08 12:06 - Vitaly vit9696

- File Screenshot 2022-02-08 at 14.01.31.png added

- File Screenshot 2022-02-08 at 14.04.50.jpg added

Thanks for testing, but I am afraid I need more details about the issue, because it works fine on macOS 12.2 with the latest Safari for me.

- What Safari version do you have?
- Could you post the source of the file?
- Could you post HTML source of page? Could do both the whole part of just the important part. E.g. I have

```
<div>    <span class="k">union</span> <span class="n">ldshape</span> <span class="n">u</span> <span class="o">=</span></span> <span class="p">{</span></span><span class="n">x</span><span class="p">;</span></span></div>
```

- Could you also post computed CSS for the div element? I attached mine on the screenshot to get an idea what I need

### #3 - 2022-02-09 19:41 - Holger Just

- Assignee set to Go MAEDA

Maeda-san, could you clarify this?

### #4 - 2022-02-10 06:37 - Go MAEDA

- Assignee deleted (Go MAEDA)

- Target version set to 5.0.0

I found that the "issue" I reported in [#36580#note-1](#) was due to browser cache. Super reload resolved the issue. I am very sorry for bothering you.

Setting the target version to 5.0.0.

### #5 - 2022-02-15 07:14 - Go MAEDA

- File 36580-v2.patch added

Updated the patch to include fixes for existing tests.

### #6 - 2022-02-17 07:04 - Yuichi HARADA

- File 36580-v3.patch added

Go MAEDA wrote:

Updated the patch to include fixes for existing tests.

The test in test/functional/repositories\_cvs\_controller\_test.rb failed, so I fixed the test and added it to 36580-v2.patch.

Failure:

RepositoriesCvsControllerTest#test\_annotate [test/functional/repositories\_cvs\_controller\_test.rb:285]:

<21> expected but was

<>..

Expected 0 to be >= 1.

```
rails test test/functional/repositories_cvs_controller_test.rb:268
```

```
diff --git a/test/functional/repositories_cvs_controller_test.rb b/test/functional/repositories_cvs_controller_test.rb
index 09db1611a8..fdd8e986d1 100644
```

```
--- a/test/functional/repositories_cvs_controller_test.rb
```

```
+++ b/test/functional/repositories_cvs_controller_test.rb
```

```
@@ -283,13 +283,13 @@ class RepositoriesCvsControllerTest < Redmine::RepositoryControllerTest
```

```
    # 1.1 line
    assert_select 'tr' do
-      assert_select 'th.line-num', :text => '21'
+      assert_select 'th.line-num a[data-txt=?]', '21'
      assert_select 'td.revision', :text => /1.1/
      assert_select 'td.author', :text => /LANG/
    end
    # 1.2 line
```

```

    assert_select 'tr' do
-     assert_select 'th.line-num', :text => '32'
+     assert_select 'th.line-num a[data-txt=?]', '32'
      assert_select 'td.revision', :text => /1.2/
      assert_select 'td.author', :text => /LANG/
    end

```

**#7 - 2022-02-19 08:38 - Go MAEDA**  
- *Related to Feature #3382: Ability to select only source code without line numbers added*

**#8 - 2022-02-19 08:39 - Go MAEDA**  
- *Status changed from New to Closed*  
- *Assignee set to Go MAEDA*

Committed the patch. Thank you.

**#9 - 2022-03-27 05:04 - Go MAEDA**  
- *Tracker changed from Patch to Defect*

Files			
redmine-4.2.3-codelines-2022-02-06-20-12.diff	4.81 KB	2022-02-06	Vitaly vit9696
safari-without-patch.png	23.6 KB	2022-02-07	Go MAEDA
safari-with-patch.png	25.1 KB	2022-02-07	Go MAEDA
Screenshot 2022-02-08 at 14.01.31.png	231 KB	2022-02-08	Vitaly vit9696
Screenshot 2022-02-08 at 14.04.50.jpg	573 KB	2022-02-08	Vitaly vit9696
36580-v2.patch	13 KB	2022-02-15	Go MAEDA
36580-v3.patch	13.9 KB	2022-02-17	Yuichi HARADA