ChiliProject - Bug # 194: Don't select line numbers on code blocks

Status:	Needs more information	**Priority:**	Normal
Author:	Felix Schäfer	**Category:**	Wikis
Created:	2011-02-14	**Assignee:**	
Updated:	2011-06-06	**Due date:**	
Remote issue URL:	http://www.redmine.org/issues/3382		
Affected version:			
Description:	Currently, the line numbers in the @<code>@ blocks are selected with the text in the block when usually the only thing you want is the text. The line numbers should be reworked so that they don't get selected with the rest of the text.		

History

2011-02-14 09:44 am - Holger Just

The current behavior comes directly from CodeRay iirc, so we would have to either change its behavior or write our own formatter / post filter.

The approach used by Pygments is to have a table with two columns and one row. Both columns contain <pre>-tags, such that no unintentional line break can occur. the left column then holds the line numbers, one per line, the right column contains the actual source code.

When you now select text, only the code is selected since you never leave the table cell containing the code. The downside is that you can't get the interleaved line-numbers.,

Alternatively, we could implement the model used by GitHub. They use one table row per line of source code. This would give us more flexibility but would probably be a bit harder to implement. Currently, I don't know if they use javascript magic to prevent the selection of full lines or if this is default behavior.

2011-02-14 11:07 am - Eric Thomas

There is a related issue at http://www.redmine.org/issues/3382 and a somewhat working patch that probably needs some tweaking to have a smooth merge.

2011-02-14 11:15 am - Holger Just

- (deleted custom field) set to http://www.redmine.org/issues/3382

Thanks Eric. Your last screenshot looks really promising. Would you care to update your patch to the Chili master and/or summarize the current issues it has so that we could incorporate it/work on it.

2011-02-14 12:35 pm - Felix Schäfer

Holger Just wrote:
> The current behavior comes directly from CodeRay iirc

I know, and I had somewhere in the back of my mind that it had already been discussed on redmine.org and that there was a possible solution with CodeRay, I didn't have a good enough connection to dig them out though :-)

2011-02-15 03:56 am - Eric Thomas

- File Screenshot.png added

- Status changed from Open to Ready for review

Pull request here: https://github.com/chiliproject/chiliproject/pull/8

I was having a little bit of trouble making it work with a minimal amount of CSS changes.

The biggest problem with this is that it has to override so many higher up classes so there's a lot of @padding: 0; margin: 0, etc.@.

Screenshot attached that shows text wrapped in a @pre@ tag and code wrapped in @pre/code@ tags.

2011-02-15 01:52 pm - Felix Schäfer
Eric T: I patched my local instance with your pull request and noticed 2 things:

* There's an unmatched @< /code >@ (spaces added for it to show) after the table,
* when previewing stuff with code in it, the part with the line numbers expands horizontally to fill what I think the browser assumes is the max width of a page or something like that.

All that tested on an uptodate Safari/OS X.

2011-02-17 04:38 pm - Eric Thomas
Felix,

Thank you for taking the time to review it. I see what you are saying about the first point and I've got a pretty good idea on how to fix that.
Could you post a screenshot for the the second point? I'm not sure if I'm following quite what you are saying.

2011-02-17 04:43 pm - Felix Schäfer
Eric Thomas wrote:
> Could you post a screenshot for the the second point? I'm not sure if I'm following quite what you are saying.

I'm not sure I have that branch still around. Could you just try to put code on a wiki page or an issue and preview it instead of saving it? Maybe with a webkit browser if you have one. The error is pretty obvious, if you don't see if by just doing that, I'll post a pagegrab :-)

2011-02-17 04:49 pm - Eric Thomas
I tried doing a preview on my browser (Firefox 3 on Fedora) and wasn't getting any issues. If webkit is Apple specific, then I don't have one. A screenshot would be helpful.

2011-02-17 04:55 pm - Felix Schäfer
Eric Thomas wrote:
> If webkit is Apple specific, then I don't have one.

Nope, Chrome is webkit too, and different KDE and Gnome browsers as well. If this is brittle to the point of browser specific problems, I'd like to have it tried on Firefox 3, IE8 or earlier, Safari, Chrome and Opera. I can test on Safari, and I think we have IE and Opera somewhere here in the office, could you test Chrome in addition to Firefox?

> A screenshot would be helpful.

I'll post one later.

2011-02-18 07:18 am - Felix Schäfer
- File code_highlighter_in_preview.png added

- Status changed from Ready for review to Needs more information

This is what it looks like in Safari when trying to preview a new issue with a code block:

!code_highlighter_in_preview.png!

The problem doesn't appear once it's saved.

2011-02-18 07:19 am - Felix Schäfer

(Notice the scroll bar at the bottom, that should give you an indication of how large this blue part isâ€¦)

2011-02-18 09:41 am - Felix Schäfer

Felix SchÃ¤fer wrote:

> This is what it looks like in Safari when trying to preview a new issue with a code block:

This happens on Chrome/Linux too, so I guess it's a webkit thing you could test with either Chrome or whatever webkit browser on Linux.

2011-02-19 04:50 pm - Eric Thomas

Felix,

Thanks for your feedback. I could not get this to work since having a @<table>@ inside a @< code >@ block seemed to always screw things up. So my approach was to replace @< code >@ with @<div>@, see "here":https://github.com/et/chiliproject/commit/6e6b610cc716ba207b1502264c5aca41f4b1ee65#diff-1. However, little did I realize that I only had access to the first @< code >@ tag, but not the closing one, so that's why the @<div>@ was not closed.

I have a fixed version that works in redcloth 4 (see #210),but the monkey patching involved is completely different, so I'd rather wait to see if ChiliProject can get upgraded.

2011-02-20 05:22 pm - Felix Schäfer

Eric Thomas wrote:

> I have a fixed version that works in redcloth 4 (see #210),but the monkey patching involved is completely different, so I'd rather wait to see if ChiliProject can get upgraded.

I don't think it will be before 2.0.0. Anyway, IIRC CodeRay 1.0 should make that particular point easier too, unless anyone needs this quickly, I'd prioritize it to low for 2.0.0.

2011-02-21 10:25 pm - Ian Freeman

It is a not-so-trivial annoyance for me personally, plus I just don't understand why coderay would have designed inline line numbers to begin with.

2011-02-26 10:58 am - Ian Freeman

Eric,

I've installed your four changes from your pull request, and I'm noticing extra linebreaks before and after the text in the code blocks, but only when the language is not set.

But, I'm not seeing any problems with the WebKit browser I happened to have installed on my system (Epiphany 2.30.2).

Also, when no language is specified no line numbers are displayed. Is this behavior intended? I think this should at least be user-specified.

2011-02-26 05:38 pm - Eric Thomas

Ian, thanks for testing the patch. Since this patch would be rewritten by #210, this should be put off until 2.0.0.

2011-06-05 03:46 pm - Kornelius Kalnbach

Sorry, I didn't read the discussion. Did you consider using "user-select":http://www.w3.org/TR/2000/WD-css3-userint-20000216#user-select? I use it in CodeRay 1.0.

2011-06-06 08:58 am - Felix Schäfer

Kornelius Kalnbach wrote:

> Sorry, I didn't read the discussion. Did you consider using "user-select":http://www.w3.org/TR/2000/WD-css3-userint-20000216#user-select? I use it in CodeRay 1.0.

Well, if CodeRay 1.0 provides everything needed for it, we won't need to do it ourselves ;-) Is 1.0 "near enough" that we can wait for it, or should we implement it ourselves until 1.0 is ready?

Files

Screenshot.png	27.5 kB	2011-02-15	Eric Thomas
code_highlighter_in_preview.png	18.9 kB	2011-02-18	Felix Schäfer