

## Redmine - Feature #14937

### Code highlighting toolbar button

2013-09-18 15:50 - Felix Schäfer

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	Wiki	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.3.0		
<b>Resolution:</b>	Fixed		

#### Description

[Planio](#) has developed and would like to contribute an additional toolbar button, allowing the user to insert the markup for inline code for the supported language of her choice. Clicking the button brings up a modal window with a selector to choose which language the markup should be for and inserts following markup in the wiki field:

```
<pre><code class="c">
```

```
</code>< /pre>
```

(the closing `< /pre>` has a space because it trips the renderer otherwise).

□

The code is as follows (to be added to source:/trunk/public/javascripts/jstoolbar/textile.js@12152):

```
// Code
jsToolBar.prototype.elements.precode = {
  type: 'button',
  title: 'Code',
  fn: {
    wiki: function() {
      precodeTextField = this;

      var codeRayLanguages = ["c", "clojure", "cpp", "css", "delphi", "diff", "erb", "groovy", "haml", "html", "java",
"javascript", "json", "php", "python", "ruby", "sql", "text", "xml", "yaml"];

      var languageOptions = [];
      for (var i = 0; i < codeRayLanguages.length; i++) {
        languageOptions[i] = "<option>" + codeRayLanguages[i] + "</option>";
      }
      var languageSelect = "<select>" + languageOptions.join("") + "</select>";
      var hideJs = "hideModal(this);$('#toolbar-code-options').remove();return false;";
      var questionBox = '<div id="toolbar-code-options" style="display: none"><form action="#"><h3
class="title">Code</h3><p><label>Language ' + languageSelect + '</label></p><p class="buttons"><input
onclick="precodeTextField.encloseLineSelection(\'<pre><code class="&quot;\' +
$(this).closest(\'div\').find(\'select\').first().val() + \'&quot;>\n\' , \'&quot;</code></pre>\');'+hideJs+" type="submit"
value="Insert Code"><input onclick="'+hideJs+" type="button" value="Cancel"></p></form></div>';

      $('#main').append(questionBox);
```

```
showModal('toolbar-code-options', '200px');
$('#toolbar-code-options select').focus();
}
}
}
```

(it seems is not supported here anymore or I was too dumb to use it :-/ )

#### Related issues:

Related to Redmine - Feature # 14936: Use a stable and modifiable data struct...	<b>New</b>	
Related to Redmine - Feature # 7587: jst Drop-down with syntax coloring	<b>Closed</b>	<b>2011-02-09</b>
Related to Redmine - Feature # 23106: Add taskpaper 'language' to new code hi...	<b>Closed</b>	
Related to Redmine - Feature # 32528: Make languages in Highlighted code butt...	<b>Closed</b>	
Duplicated by Redmine - Feature # 15133: Code Highlight Button or dropdown	<b>Closed</b>	
Duplicated by Redmine - Feature # 13394: New "code" button integrated into is...	<b>Closed</b>	

#### Associated revisions

##### Revision 15316 - 2016-04-10 10:44 - Jean-Philippe Lang

Inline code highlighting toolbar button (#14937).

##### Revision 15317 - 2016-04-10 11:13 - Jean-Philippe Lang

Adds translations for the "Highlighted code" button (#14937).

##### Revision 15567 - 2016-06-19 08:53 - Jean-Philippe Lang

Adds missing taskpaper language to the drop down (#14937, #23106).

##### Revision 15568 - 2016-06-19 08:54 - Jean-Philippe Lang

Merged r15567 (#14937, #23106).

#### History

##### #1 - 2013-09-19 05:38 - Terence Mill

+1

##### #2 - 2013-09-19 09:11 - Francesco V

+1

##### #3 - 2013-09-21 23:16 - Jan Niggemann (redmine.org team member)

Thank you, +1!

#### **#4 - 2013-09-29 09:52 - Toshi MARUYAMA**

- Related to Feature #14936: Use a stable and modifiable data structure for jsToolBar elements added

#### **#5 - 2013-09-30 09:49 - Terence Mill**

I added the block to my textile.js, but i still see no new button? Any idea?

#### **#6 - 2013-09-30 09:58 - Felix Schäfer**

Terence, unfortunately the textile.js isn't used directly anymore but through a minified version including the toolbar code and the code for the redmine buttons, the minified version is public/javascripts/jstoolbar/jstoolbar-textile.min.js and it's included in source:branches/2.3-stable/lib/redmine/wiki\_formatting/textile/helper.rb#L36. You can either add the code to the minified version, or include both jstoolbar.js and textile.js instead of jstoolbar-textile.min.js in the linked helper.

#### **#7 - 2013-09-30 15:51 - Terence Mill**

ok, now i have the button, but without any image. How can i give it an image?

Btw. Don't forget to mention to add locales for all languages , e.g

source#branches/2.3-stable/public/javascripts/jstoolbar/lang/jstoolbar-en.js

```
jsToolBar.strings['Code'] = 'Code Highlightning';
```

#### **#8 - 2013-10-02 20:24 - Felix Schäfer**

- File precode.diff added

- File bt\_precode.png added

I have added a full diff that makes the whole thing work, please note that the change to lib/redmine/wiki\_formatting/textile/helper.rb is obviously not meant for trunk. The image for the button is also attached.

#### **#9 - 2013-10-15 17:11 - Mischa The Evil**

- Duplicated by Feature #15133: Code Highlight Button or dropdown added

#### **#10 - 2013-10-19 08:22 - Toshi MARUYAMA**

- Category set to Wiki

#### **#11 - 2013-10-27 03:17 - Mischa The Evil**

- Duplicated by Feature #13394: New "code" button integrated into issue description toolbox added

#### **#12 - 2013-10-27 04:28 - Mischa The Evil**

- Subject changed from Inline code toolbar button to Inline code highlighting toolbar button

- Target version set to Unplanned backlogs

Thanks for contributing this here. I think a lot of users can benefit from a button like this. I think it is worth a place in the core's toolbar.

Felix Schäfer wrote:

| (it seems is not supported here anymore or I was too dumb to use it :-/)

{{collapse(Off-topic...)}}

It is still supported (rm.o isn't patched in this part AFAICT) and you are certainly not too dumb to use it :)

The highlighting is broken in this case because you've (necessarily) used the extra space before the closing `</code>`. As a result of that the renderer ends up with an unclosed pre-tag, because its opening tag is not modded to prevent renderer triggering using an extra space, that causes the code to be rendered w/o highlighting. This also happens with the code-tag IIRC.

I think that in this case the only - working - workaround would be something (not so good-looking ;) like:

```
<pre>< code class="c">
```

```
</code></pre>
```

```
}}
```

**#13 - 2013-10-28 14:31 - Pedro Calvo**

+1

Thank you *Mischa The Evil*. This feature would be a great benefit!

**#14 - 2013-11-04 12:01 - Jan Jezek**

I have made a plugin of the code above. Hope this helps till redmine implements this feature...

[https://github.com/mediatainment/redmine\\_codebutton/](https://github.com/mediatainment/redmine_codebutton/)

**#15 - 2013-11-04 12:24 - Pedro Calvo**

Great work, Jan!

Let's see if this little and useful plugin comes to fruition...

**#16 - 2015-07-08 06:10 - Mischa The Evil**

- Related to Feature #7587: *jst Drop-down with syntax coloring added*

**#17 - 2015-12-25 03:49 - Go MAEDA**

- File *precode-v2.diff* added

- Target version changed from *Unplanned backlogs* to *Candidate for next major release*

Very useful!

Here is a updated patch against the current trunk (r14992). Added support for go, lua and sass.

## #18 - 2015-12-25 08:57 - Go MAEDA

- File *precode-v3.diff* added

Added Markdown support.

## #19 - 2015-12-26 05:56 - Go MAEDA

- File *precode-v4.diff* added

Fixed language files (en and es-PA).

```
diff --git a/public/javascripts/jstoolbar/lang/jstoolbar-en.js b/public/javascripts/jstoolbar/lang/jstoolbar-en.js
index 6427b19..4f72f08 100644
--- a/public/javascripts/jstoolbar/lang/jstoolbar-en.js
+++ b/public/javascripts/jstoolbar/lang/jstoolbar-en.js
@@ -8,7 +8,6 @@ jsToolBar.strings['Heading 1'] = 'Heading 1';
jsToolBar.strings['Heading 2'] = 'Heading 2';
jsToolBar.strings['Heading 3'] = 'Heading 3';
jsToolBar.strings['Highlighted code'] = 'Highlighted code';
-jsToolBar.strings['Highlighted code'] = 'Highlighted code';
jsToolBar.strings['Unordered list'] = 'Unordered list';
jsToolBar.strings['Ordered list'] = 'Ordered list';
jsToolBar.strings['Quote'] = 'Quote';
diff --git a/public/javascripts/jstoolbar/lang/jstoolbar-es-pa.js b/public/javascripts/jstoolbar/lang/jstoolbar-es-pa.js
index 878489f..524a045 100644
--- a/public/javascripts/jstoolbar/lang/jstoolbar-es-pa.js
+++ b/public/javascripts/jstoolbar/lang/jstoolbar-es-pa.js
@@ -7,6 +7,7 @@ jsToolBar.strings['Code'] = 'Código fuente';
jsToolBar.strings['Heading 1'] = 'Encabezado 1';
jsToolBar.strings['Heading 2'] = 'Encabezado 2';
jsToolBar.strings['Heading 3'] = 'Encabezado 3';
+jsToolBar.strings['Highlighted code'] = 'Highlighted code';
jsToolBar.strings['Unordered list'] = 'Lista sin ordenar';
jsToolBar.strings['Ordered list'] = 'Lista ordenada';
jsToolBar.strings['Quote'] = 'Citar';
```

## #20 - 2015-12-26 11:11 - Tobias Fischer

The plugin by Jan Jezek ([https://github.com/mediatainment/redmine\\_codebutton/](https://github.com/mediatainment/redmine_codebutton/)) also contains a default language selection via the plugin settings. This would be very useful as well...

In my case, we use css and xml snippets a lot and set the default language selection to xml for not having to select the dropdown every time...

## #21 - 2016-01-19 14:53 - Go MAEDA

- File *dialogbox-i18n.png* added

- File *precode-v5.diff* added

Updated patch: attachment:precode-v5.diff

i18n for a dialog box.

dialogbox-i18n.png

**#22 - 2016-01-19 15:17 - Go MAEDA**

- *Target version changed from Candidate for next major release to 3.3.0*

I think this can be one of the highlights of a future release. I am setting target version to 3.3.0.  
Thanks for Felix and Planio.

**#23 - 2016-01-20 09:44 - Tobias Fischer**

Are there any plans to add a Redmine setting for the default code language?  
For details see comment 20 above...

**#24 - 2016-04-10 08:44 - Jean-Philippe Lang**

- *File dropdown.png added*

I think a modal box is a bit overkill and it makes 4 clicks to select a language. What about using a simple dropdown that is displayed when the button is clicked ?

dropdown.png

**#25 - 2016-04-10 08:50 - Go MAEDA**

Jean-Philippe Lang wrote:

*I think a modal box is a bit overkill and it makes 4 clicks to select a language. What about using a simple dropdown that is displayed when the button is clicked ?*

What you pointed out was quite right.

**#26 - 2016-04-10 10:50 - Jean-Philippe Lang**

- *Assignee set to Jean-Philippe Lang*

Thanks for the feedback. Feature added as a dropdown menu in r15316.

**#27 - 2016-04-10 11:16 - Jean-Philippe Lang**

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

Tobias Fischer wrote:

| Are there any plans to add a Redmine setting for the default code language?

With the dropdown implementation, there's no default language. 2 clicks are needed for any language.  
Most users won't use all of the languages, maybe the list could be made configurable but I think it's fine for now.

**#28 - 2016-05-21 09:10 - Jean-Philippe Lang**

- Subject changed from *Inline code highlighting toolbar button* to *Code highlighting toolbar button*

**#29 - 2016-06-19 08:51 - Jean-Philippe Lang**

- Related to Feature #23106: Add taskpaper 'language' to new code highlighting toolbar button. added

**#30 - 2016-08-10 15:18 - holly chen**

- File *precode-are-covered.png* added

The code menu was covered in my redmine.  
</attachments/download/16491/precode-are-covered.png>

So I just add a z-index property to fix this problem temporary.

in file *jstoolbar-textile.min.js*

From:

```
n=$(("<ul style='position:absolute;'></ul>")
```

To:

```
n=$(("<ul style='position:absolute;z-index: 9999;'></ul>")
```

**#31 - 2019-12-15 05:37 - Go MAEDA**

- Related to Feature #32528: Make languages in Highlighted code button in toolbar customizable added

**Files**

<a href="#">precode.diff</a>	34.9 KB	2013-10-02	Felix Schäfer
<a href="#">bt_precode.png</a>	389 Bytes	2013-10-02	Felix Schäfer
<a href="#">precode-v2.diff</a>	34.7 KB	2015-12-25	Go MAEDA
<a href="#">precode-v3.diff</a>	34.7 KB	2015-12-25	Go MAEDA
<a href="#">precode-v4.diff</a>	35.3 KB	2015-12-26	Go MAEDA
<a href="#">dialogbox-i18n.png</a>	39 KB	2016-01-19	Go MAEDA
<a href="#">precode-v5.diff</a>	52 KB	2016-01-19	Go MAEDA
<a href="#">dropdown.png</a>	6.01 KB	2016-04-10	Jean-Philippe Lang
<a href="#">precode-are-covered.png</a>	3.34 KB	2016-08-10	holly chen