

Redmine - Defect #12744

Unable to call a macro with a name that contains uppercase letters

2013-01-05 02:18 - Ling Li

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Plugin API	Estimated time:	0.00 hour
Target version:	2.2.1	Affected version:	2.2.0
Resolution:	Fixed		
Description			
<p>I recently upgraded from 2.0 to 2.2 and found that some macros stopped working. Those macros have upper-case letters in their name (e.g., EnableLaTeXMath), and it <i>seems</i> to me that Redmine 2.2 only triggers macro names in lower cases.</p> <p>hypothesis: when looking up macros, Redmine 2.2 converts the macro name to lower case; but when registering the macro, Redmine 2.2 forgets to lower-case the names. So if a macro has upper case letters in the name during registration, it will never be found when it is called...</p>			

Associated revisions

Revision 11126 - 2013-01-06 00:11 - Jean-Philippe Lang

Fixed that macros with uppercase letters can not be called (#12744).

Revision 11145 - 2013-01-09 14:31 - Jean-Philippe Lang

Merged r11126 from trunk (#12744).

History

#1 - 2013-01-05 12:20 - Daniel Felix

Hi there,

well on the first sight, this seems to be ok.

Save a new macro:

[source:trunk/lib/redmine/wiki_formatting/macros.rb#L153](#)

There is a downcase in line 153

Find the macro:

[source:trunk/app/helpers/application_helper.rb#L864](#)

There is a \$4.downcase in line 864

#2 - 2013-01-05 21:39 - Ling Li

I don't know Ruby but this line seems suspicious where name is added to available_macros before downcase:

[source:trunk/lib/redmine/wiki_formatting/macros.rb#L151](#)

```
available_macros[name] = {:desc => @@desc || ''}.merge(options)
```

(well, it's possible that available_macros is not used during macro look-up. I'll try to figure out why my plugin works only after I rename it to lower-case.)

#3 - 2013-01-05 21:54 - Ling Li

I think that was the culprit. An ugly line (before that L151) fixes the problem, and confirms that the problem was due to not lower-casing the names during macro registration:

```
name = "#{name}".downcase      # <-- this is the ugly fix
name = name.to_sym if name.is_a?(String)
available_macros[name] = {:desc => @@desc || ''}.merge(options)
@@desc = nil
Definitions.send :define_method, "macro_#{name}", &block # <-- downcase was already done
```

#4 - 2013-01-06 00:13 - Jean-Philippe Lang

- Subject changed from Macro name has to be lower-cased? to Unable to call a macro with a name that contains uppercase letters

- Status changed from New to Closed
- Assignee set to Jean-Philippe Lang
- Target version set to 2.2.1
- Resolution set to Fixed

Fix committed with test in [r11126](#), thanks for pointing this out.
Maybe we should even make macro name case-sensitive?

#5 - 2013-01-06 00:13 - Jean-Philippe Lang

- Status changed from Closed to Resolved

#6 - 2013-01-06 02:28 - Ling Li

I can confirm that [r11126](#) fixes the problem. Thanks.

#7 - 2013-01-06 19:22 - Takeshi Yaegashi

- File 0001-Preserve-case-of-macro-names-shown-by-macro_list.patch added

Jean-Philippe Lang wrote:

Fix committed with test in [r11126](#), thanks for pointing this out.
Maybe we should even make macro name case-sensitive?

I've just been stuck by this bug with my own macros too. There have already been many macro uses with case-confused names, so I hope they would remain case-insensitive.

Btw, I like `{{macro_list}}` to show macro names with case preserved. Please consider a fix like an attached patch.

#8 - 2013-01-09 14:31 - Jean-Philippe Lang

- Status changed from Resolved to Closed

Merged.

Btw, I like

`hello_world`

```
Sample macro.
```

`macro_list`

```
Displays a list of all available macros, including description if available.
```

`child_pages`

```
Displays a list of child pages. With no argument, it displays the child pages of the current wiki page.  
Examples:
```

```
{{child_pages}} -- can be used from a wiki page only  
{{child_pages(depth=2)}} -- display 2 levels nesting only  
{{child_page(Foo)}} -- lists all children of page Foo  
{{child_pages(Foo, parent=1)}} -- same as above with a link to page Foo
```

`include`

```
Includes a wiki page. Examples:
```

```
{{include(Foo)}}  
{{include(projectname:Foo)}} -- to include a page of a specific project wiki
```

collapse

Inserts of collapsed block of text. Examples:

```
{{collapse
This is a block of text that is collapsed by default.
It can be expanded by clicking a link.
}}
```

```
{{collapse(View details...)
With custom link text.
}}
```

thumbnail

Displays a clickable thumbnail of an attached image.
Default size is 200 pixels. Examples:

```
{{thumbnail(image.png)}}
{{thumbnail(image.png, size=300, title=Thumbnail)}} -- with custom title and size
```

issue

Displays an issue link including additional information. Examples:

```
{{issue(123)}} -- Issue #123: Enhance macro capabilities
{{issue(123, project=true)}} -- Andromeda - Issue #123: Enhance macro capabilities
{{issue(123, tracker=false)}} -- #123: Enhance macro capabilities
{{issue(123, subject=false, project=true)}} -- Andromeda - Issue #123
```

sample_macro

Sample macro

to show macro names with case preserved. Please consider a fix like an attached patch.

Will be fixed as a separate issue.

Files

0001-Preserve-case-of-macro-names-shown-by-macro_list.patch	2.34 KB	2013-01-06	Takeshi Yaegashi
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