

Redmine - Defect #31285

Syntax highlighting does not work for attachments with .pl extension

2019-05-01 09:55 - Go MAEDA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Text formatting	Estimated time:	0.00 hour
Target version:	4.0.4	Affected version:	4.0.0
Resolution:	Fixed		

Description

The new syntax highlighter Rouge that was introduced in Redmine 4.0.0 supports many languages including Perl and Prolog.

However, Redmine 4.0.3 does not highlight attachments with ".pl" extension. It is because the extension is used for both Perl and Prolog source codes and Rouge cannot determine the language only with a filename. As a result, Rouge raises Rouge::Guesser::Ambiguous exception (Ambiguous guess: can't decide between ["prolog", "perl"]).

```
irb(main):001:0> Rouge::Lexer.guess_by_filename('hello.pl')
Traceback (most recent call last):
Rouge::Guesser::Ambiguous (Rouge::Guesser::Ambiguous)
```

The problem can be easily fixed by replacing Rouge::Lexer::guess_by_filename with Rouge::Lexer::guess.

Index: lib/redmine/syntax_highlighting.rb

```
-----
--- lib/redmine/syntax_highlighting.rb (000000 18114)
+++ lib/redmine/syntax_highlighting.rb (000000)
@@ -85,7 +85,7 @@
     # See also: https://github.com/jneen/rouge/pull/1078
     text = text.gsub(/\r\n?/, "\n")

-     lexer = ::Rouge::Lexer.guess_by_filename(filename)
+     lexer = ::Rouge::Lexer.guess(:source => text, :filename => filename)
     formatter = ::Rouge::Formatters::HTML.new
     ::Rouge.highlight(text, lexer, CustomHTMLLinewise.new(formatter))
end
```

[Before]



[After]

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Bug #17 » perl_hello.pl

Redmine Admin, 05/01/2019 03:01 PM

```
1 #!/usr/bin/perl
2 print "Hello, world!\n";
```

Related issues:

Blocks Redmine - Defect #29259: Attachment preview does not work for some sou...

Closed

Associated revisions

Revision 18118 - 2019-05-03 09:31 - Go MAEDA

Redmine::SyntaxHighlighting.highlight_by_filename may not be able to determine the language by filename alone (#31285).

Patch by Go MAEDA.

Revision 18119 - 2019-05-03 13:13 - Go MAEDA

Merged r18118 from trunk to 4.0-stable (#31285).

History

#1 - 2019-05-01 10:06 - Go MAEDA

- File deleted (*fix-syntax-highlighting-for-pl-attachments.diff*)

#2 - 2019-05-01 10:06 - Go MAEDA

- File *fix-syntax-highlighting-for-pl-attachments.diff* added

#3 - 2019-05-01 10:26 - Go MAEDA

- Target version changed from *Candidate for next minor release* to *4.0.4*

#4 - 2019-05-02 08:12 - Go MAEDA

- File *0001-Fix-that-Redmine-SyntaxHighlighting.highlight_by_fil.patch* added

Updated the test code.

#5 - 2019-05-02 08:39 - Go MAEDA

- Blocks Defect #29259: Attachment preview does not work for some source files such as JavaScript and Go added

#6 - 2019-05-03 09:32 - Go MAEDA

- Subject changed from *Syntax highlighting is not working for attachments with .pl extension* to *Syntax highlighting does not work for attachments with .pl extension*

- Status changed from *New* to *Closed*

- Assignee set to *Go MAEDA*

- Resolution set to *Fixed*

Committed the patch.

#7 - 2019-05-03 10:25 - Go MAEDA

- Status changed from *Closed* to *Resolved*

#8 - 2019-05-03 13:13 - Go MAEDA

- Status changed from *Resolved* to *Closed*

Files

pl-highlight-before.png	20.1 KB	2019-05-01	Go MAEDA
pl-highlight-after.png	20.5 KB	2019-05-01	Go MAEDA
fix-syntax-highlighting-for-pl-attachments.diff	2.76 KB	2019-05-01	Go MAEDA
0001-Fix-that-Redmine-SyntaxHighlighting.highlight_by_fil.patch	3.7 KB	2019-05-02	Go MAEDA