

Ruby - Bug #12258

RDoc bug when handling comments in C code examples

04/07/2016 02:47 PM - stomar (Marcus Stollsteimer)

Status:	Closed	
Priority:	Normal	
Assignee:	aycabta (aycabta .)	
Target version:		
ruby -v:	ruby 2.3.0p0 (2015-12-25 revision 53290) [i686-linux]	Backport: 2.1: UNKNOWN, 2.2: UNKNOWN, 2.3: UNKNOWN

Description

RDoc fails to correctly convert documentation that includes C example code with `/* ... */` comments.

It does not only produce wrong output for the comment itself (stripping the `/*` and `*/`), but also gets confused with occurrences of `*` in completely different parts of the documentation, so that e.g. lists are displayed as code blocks. It appears that `*` at the very beginning of a line triggers a code block under these circumstances.

This affects e.g. http://docs.ruby-lang.org/en/trunk/extension_rdoc.html#label-Check+Data+Type+of+the+VALUE (partially stripped `/*` and `*/` from code example) or http://docs.ruby-lang.org/en/2.2.0/README_EXT.html#label-Adding+New+Features+to+Ruby (list displayed as code block); note that the broken list is fixed in trunk (it's rather a workaround) by using `"-"` for the list items.

Minimal example for a pure rdoc page:

```
$ cat broken_page.rdoc
A list:

* item 1
* item 2

A sentence with *emphasis* directly at the
*start* of a line.

Some example C code with comment:

void
do_something(VALUE val)
{
    /* comment */
}
```

For this rdoc produces:

```
A list:

item 1
item 2

A sentence with emphasis directly at the
start* of a line.

Some example C code with comment:

void
do_something(VALUE val)
{
    comment
}
```

When generating rdoc of a Ruby class, the bug affects only the code example itself:

```
$ cat broken.rb
```

```
# A class with broken rdoc.  
#  
# A list:  
#  
# * item 1  
# * item 2  
#  
# A sentence with *emphasis* directly at the  
# *start* of a line.  
#  
# Some example C code with comment:  
#  
# void  
# do_something(VALUE val)  
# {  
#     /* comment */  
# }  
#  
class Broken  
end
```

This produces:

A class with broken rdoc.

A list:

- item 1
- item 2

A sentence with **emphasis** directly at the **start** of a line.

Some example C code with comment:

```
void  
do_something(VALUE val)  
{  
    comment  
}
```

History

#1 - 04/21/2016 08:48 PM - stomar (Marcus Stollsteimer)

Also opened an issue for RDoc: <https://github.com/rdoc/rdoc/issues/402>

#2 - 05/28/2016 04:44 AM - hsbt (Hiroshi SHIBATA)

- Status changed from Open to Assigned

- Assignee set to hsbt (Hiroshi SHIBATA)

I will pick commits from upstream when it was fixed.

#3 - 11/06/2018 04:53 PM - hsbt (Hiroshi SHIBATA)

- Assignee changed from hsbt (Hiroshi SHIBATA) to aycabta (aycabta .)

#4 - 09/22/2020 08:02 PM - jeremyevans0 (Jeremy Evans)

- Status changed from Assigned to Closed