Ruby trunk - Bug #12258

RDoc bug when handling comments in C code examples

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

Status:	Assigned		
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 occurences 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)

- Assignee set to hsbt (Hiroshi SHIBATA)

- Status changed from Open to Assigned

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 .)