

Ruby trunk - Bug #2427

possible bug in Method#source_location (from [ruby-core:27014])

12/04/2009 09:53 AM - ujihisa (Tatsuhiko Ujihisa)

Status: Closed	
Priority: Normal	
Assignee: mame (Yusuke Endoh)	
Target version: 2.0.0	
ruby -v: ruby 1.9.2dev (2009-11-11 trunk 25717) [i386-mingw32]	Backport:

Description

=begin

Originally reported by Roger Pack:

It appears that Method#source_location returns different values for 1.9.1 and 1.9.2dev for this code:

```
class A

  def go( a=3,
        b=3)
  end
end
puts A.instance_method(:go).source_location
```

1.9.1 says line 3, 1.9.2 says line 4.

I assume 1.9.1 is correct? (I would expect it to be the line it *starts* on, and if you take out the default values, both 1.9.1 and 1.9.2 says line 3).

Thanks.

-r

According to Luis Lavena's report,

a.rb, ending either with LF or CRLF:

```
C:\Users\Luis\Desktop>pik tags yarv ruby a.rb
ruby 1.9.1p243 (2009-07-16 revision 24175) [i386-mingw32]
```

```
a.rb
3
```

```
ruby 1.9.2dev (2009-11-11 trunk 25717) [i386-mingw32]
```

```
a.rb
4
```

But I couldn't reproduce the issue on Mac OS X. Both LF and CRLF scripts said the same results.

In my environment, both versions of ruby said same results.

```
$ ruby191 -v a.rb
ruby 1.9.1p281 (2009-08-09 revision 24476) [i386-darwin9.7.0]
```

```
a.rb
4
```

```
$ ruby192 -v a.rb
ruby 1.9.2dev (2009-12-04 trunk 25986) [i386-darwin9.8.0]
```

```
a.rb
```

```
4
=end
```

Associated revisions

Revision 9ad065375f171ea37979d31ef725323b3b7414e9 - 12/04/2009 07:50 AM - nobu (Nobuyoshi Nakada)

- parse.y (k_def): adjust the location of method definition to the line of def. [Bug #2427]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@25992 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 9ad06537 - 12/04/2009 07:50 AM - nobu (Nobuyoshi Nakada)

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@25992 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 25992 - 12/04/2009 07:50 AM - nobu (Nobuyoshi Nakada)

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History

#1 - 12/04/2009 10:17 AM - usa (Usaku NAKAMURA)

- Assignee changed from usa (Usaku NAKAMURA) to nobu (Nobuyoshi Nakada)

```
=begin
I don't know whether 3 or 4 is correct.
```

Anyway, this difference is brought by the changes of parse.y,
and not depends on the platform of ruby.

It depends on only revision.

I don't track the changes of parse.y, so I don't know the actual
revision which brings this difference.

In my expectation, Nobu knows everything about it.

```
=end
```

#2 - 12/04/2009 10:27 AM - usa (Usaku NAKAMURA)

- Assignee changed from nobu (Nobuyoshi Nakada) to mame (Yusuke Endoh)

```
=begin
Oops, maybe not nobu, but mame.
```

=end

#3 - 12/04/2009 04:57 PM - nobu (Nobuyoshi Nakada)

- *Status changed from Assigned to Closed*

- *% Done changed from 0 to 100*

=begin

This issue was solved with changeset [r25992](#).

ujihisa, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

=end