Ruby master - Bug #7765
Proc#arity bug with optional argument
02/01/2013 05:38 AM - marcandre (Marc-Andre Lafortune)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>marcandre (Marc-Andre Lafortune)</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
</tr>
<tr>
<td>ruby -v:</td>
<td>r38984</td>
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<td>Backport:</td>
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Description
We have:

```
Proc.new{|a, b, c, d, e|}.arity #=> 5
```

Matz decided [ruby-core:46515] we also have:

```
Proc.new{|a, b, c, d, e=0|}.arity #=> 4
```

It looks like we currently have:

```
Proc.new{|a, b=0, c, d, e|}.arity #=> 1, should be same as above
```

Hopefully there won't be disagreement that this is a bug?

I'm asking in particular because there was a specific test committed by Yui to that effect. I hope this was just an oversight?

```
assert_equal(0, proc{|x=0, y|}.arity) # Should be 1, not 0. test/ruby/test_proc.rb:67
```

My patch is ready and I will commit it unless there is objection.

https://github.com/marcandre/ruby/compare/marcandre:trunk...marcandre:proc_curry

Associated revisions
Revision 83610815 - 02/01/2013 10:46 PM - marcandre (Marc-Andre Lafortune)

- proc.c: Add [*]_min_max_arity and refactor.
  [Bug #7765]
- test/ruby/test_proc.rb: Fix wrong test

Revision 39007 - 02/01/2013 10:46 PM - marcandre (Marc-Andre Lafortune)

- proc.c: Add [*]_min_max_arity and refactor.
  [Bug #7765]
- test/ruby/test_proc.rb: Fix wrong test

Revision 39007 - 02/01/2013 10:46 PM - marcandre (Marc-Andre Lafortune)

- proc.c: Add [*]_min_max_arity and refactor.
  [Bug #7765]
test/ruby/test_proc.rb: Fix wrong test

Revision 39007 - 02/01/2013 10:46 PM - marcandre (Marc-Andre Lafontune)

- proc.c: Add {*_min_max_arity and refactor. [Bug #7765]
- test/ruby/test_proc.rb: Fix wrong test

Revision 39007 - 02/01/2013 10:46 PM - marcandre (Marc-Andre Lafontune)

- proc.c: Add {*_min_max_arity and refactor. [Bug #7765]
- test/ruby/test_proc.rb: Fix wrong test

Revision 39007 - 02/01/2013 10:46 PM - marcandre (Marc-Andre Lafontune)

- proc.c: Add {*_min_max_arity and refactor. [Bug #7765]
- test/ruby/test_proc.rb: Fix wrong test

History

#1 - 02/02/2013 07:46 AM - marcandre (Marc-Andre Lafontune)
  - Status changed from Open to Closed
  - % Done changed from 0 to 100

This issue was solved with changeset r39007.
Marc-Andre, thank you for reporting this issue. Your contribution to Ruby is greatly appreciated. May Ruby be with you.