Ruby master - Bug #1903
incorrect line returned (0) in rb_vm_get_sourceline()

08/07/2009 01:32 AM - mark-moseley (Mark Moseley)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Rejected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
</tr>
<tr>
<td>Target version</td>
<td>2.0.0</td>
</tr>
<tr>
<td>ruby -v:</td>
<td>1.9.2</td>
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<td>Backport:</td>
<td></td>
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</table>

**Description**

```ruby
=begin
If rb_vm_get_sourceline() is called when cfp->pc is equal to cfp->iseq->iseq_encoded (IOW, on the first instruction), then zero will be returned as the line number.

I think that if:
iseq->insn_info_size > 0, and,
iseq->insn_info_table[0].position == 0,
then:
iseq->insn_info_table[0].line_no

should be returned.
=end
```

**History**

**#1 - 08/07/2009 02:03 AM - mark-moseley (Mark Moseley)**

```ruby
=begin
This is actually broader than I described. It occurs whenever:

iseq->insn_info_size > 0
and
iseq->insn_info_table[0].position = cfp->pc - cfp->iseq->iseq_encoded

=end
```

**#2 - 08/07/2009 10:17 PM - mark-moseley (Mark Moseley)**

```ruby
=begin
Never mind; I'm trying to fix another bug in the core and I'm calling rb_vm_get_sourceline() before the PC is incremented. Which cannot happen. Sorry for the noise.
=end
```

**#3 - 04/04/2010 10:19 AM - wanabe (_ wanabe)**

- Status changed from Open to Rejected

```ruby
=begin
=end
```