## Documentation for obj.object_id

Documentation for return type of obj.object_id is wrong on Windows x64.

```ruby
C:\Users\phasis>irb
irb(main):001:0> 0.1.object_id
=> -158526706883441454
irb(main):002:0> 0.1.object_id.class
=> Bignum
```

Here is a patch:

```diff
diff --git a/gc.c b/gc.c.new
index d52208d..2a0f26a 100644
--- a/gc.c
+++ b/gc.c.new
@@ -1670,8 +1670,8 @@ id2ref(VALUE obj, VALUE objid)

\* Document-method: object_id *
-\* call-seq:
\*   \* obj.id \* \* object_id \* -> fixnum
\*   \* obj.object_id \* -> fixnum
\*   \* obj.id \* -> integer
\*   \* obj.object_id \* -> integer *
\* Returns an integer identifier for obj. The same number will
\* be returned on all calls to id for a given object, and
```

### Associated revisions

**Revision 8baab38a - 11/29/2012 08:15 AM - zzak (Zachary Scott)**

- gc.c: Documentation for GC, GC::Profiler, ObjectSpace, and ObjectSpace::WeakMap [ruby-core:50245] [Bug #7449]

`git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37987 b2dd03c8-39d4-4d8f-98f8-823fe69b080e`

**Revision 37987 - 11/29/2012 08:15 AM - zzak (Zachary Scott)**

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History

#1 - 11/28/2012 01:46 PM - luislavena (Luis Lavena)
- Category set to doc
- Status changed from Open to Assigned
- Assignee set to drbrain (Eric Hodel)
- Target version set to 2.0.0

#2 - 11/28/2012 01:53 PM - zzak (Zachary Scott)
Luis, can you confirm this on windows?

#3 - 11/28/2012 02:05 PM - luislavena (Luis Lavena)
zzak (Zachary Scott) wrote:

  Luis, can you confirm this on windows?

  I don't think the Windows part is relevant but the documentation mistake.
  You can confirm this here:
  http://rubydoc.info/stdlib/core/Object:object_id
  It says "Returns an integer identifier for obj" but then it says fixnum.
  I've assigned to Eric Hodel to confirm is a bug in the documentation (or not) and act accordingly.
  Thank you.

#4 - 11/28/2012 02:20 PM - drbrain (Eric Hodel)
changing to Integer is fine with me. It seems to be a better type.

#5 - 11/29/2012 05:18 AM - zzak (Zachary Scott)
eric, you mean Fixnum right?
Or change rb_obj_id implementation to return INT2NUM((SIGNED_VALUE)obj);

#6 - 11/29/2012 10:12 AM - drbrain (Eric Hodel)
"return a fixnum" is not a specification of #object_id so the more generic "integer" is better.

#7 - 11/29/2012 05:15 PM - zzak (Zachary Scott)
- Status changed from Assigned to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r37987.
Heesob, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.