

Backport191 - Bug #1907

ssl_timeout cannot be set in HTTPS request

08/08/2009 07:05 AM - lsegal (Loren Segal)

Status:	Assigned
Priority:	Normal
Assignee:	yugui (Yuki Sonoda)
Target version:	
ruby -v:	ruby 1.9.1p0 (2009-01-30 revision 21907) [i386-darwin9.6.0]

Description

```
=begin
```

Net::HTTPS defines SSL_ATTRIBUTES which, as I understand, are attributes that can be set on an HTTP object and includes ssl_timeout

However when applying these attributes on the SSLContext, the following exception is raised:

```
NoMethodError: undefined method ssl_timeout=' for #<OpenSSL::SSL::SSLContext:0x6511fc>
from /usr/local/lib/ruby19/1.9.1/openssl/ssl.rb:39:inblock in set_params'
from /usr/local/lib/ruby19/1.9.1/openssl/ssl.rb:39:in each'
from /usr/local/lib/ruby19/1.9.1/openssl/ssl.rb:39:inset_params'
from /usr/local/lib/ruby19/1.9.1/net/http.rb:591:in connect'
from /usr/local/lib/ruby19/1.9.1/net/http.rb:574:in do_start'
from /usr/local/lib/ruby19/1.9.1/net/http.rb:563:in start'
from /usr/local/lib/ruby19/1.9.1/net/http.rb:1094:inrequest'
from (irb):16
from /usr/local/bin/irb:12:in ``
```

The code being run is:

```
require 'net/https'
http = Net::HTTP.new("example.com")
http.use_ssl = true
http.ssl_timeout = 1
http.request('hi') # exception is raised here
```

SSLContext does not implement ssl_timeout= but it *does* have timeout=, so this attribute should be handled specially, or perhaps be aliased in SSLContext?

```
=end
```

History

#1 - 04/10/2010 12:29 PM - mame (Yusuke Endoh)

- Assignee set to yugui (Yuki Sonoda)

```
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Hi,
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I'm not familiar with net/https and openssl, but

perhaps be aliased in SSLContext?

I think it is reasonable because there are

- SSLContext#timeout,
- SSLContext#timeout=, and
- SSLContext#ssl_timeout (as alias to SSLContext#timeout)

but not SSLContext#ssl_timeout=.

Adding `ssl_timeout=` may be considered as a new feature. But, the symptom OP reported is certainly a bug, and adding it is most appropriate fix the symptom, I think.

Yugui, may I commit the following patch?

```
diff --git a/ext/openssl/openssl_ssl.c b/ext/openssl/openssl_ssl.c
index fe6e74f..e70a868 100644
```

```
--- a/ext/openssl/openssl_ssl.c
+++ b/ext/openssl/openssl_ssl.c
@@ -1577,6 +1577,7 @@ Init_ssl()
for(i = 0; i < numberof(ssl_ctx_attrs); i++)
rb_attr(cSSLContext, rb_intern(ssl_ctx_attrs[i]), 1, 1, Qfalse);
rb_define_alias(cSSLContext, "ssl_timeout", "timeout");
```

- rb_define_alias(cSSLContext, "ssl_timeout=", "timeout="); rb_define_method(cSSLContext, "initialize", ssl_ctx_initialize, -1); rb_define_method(cSSLContext, "ssl_version=", ssl_ctx_set_ssl_version, 1); rb_define_method(cSSLContext, "ciphers", ssl_ctx_get_ciphers, 0);

--

Yusuke Endoh mame@tsg.ne.jp
=end

#2 - 04/10/2010 01:06 PM - yugui (Yuki Sonoda)

=begin

may I commit the following patch?
OK.

2010/04/10 12:30 "Yusuke Endoh" redmine@ruby-lang.org:

Issue [#1907](#) has been updated by Yusuke Endoh.

Assigned to set to Yuki Sonoda

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<http://redmine.ruby-lang.org/issues/show/1907>

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```
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```

```
+++ b/ext/openssl/openssl.c
```

```
@@ -1577,6 +1577,7 @@ Init_openssl_ssl()
```

```
    for(i = 0; i < numberof(openssl_sslctx_attrs); i++)
        rb_attr(cSSLContext, rb_intern(openssl_sslctx_attrs[i]), 1, 1, Qfalse);
    rb_define_alias(cSSLContext, "ssl_timeout", "timeout");
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```
=end
```

#3 - 09/14/2010 04:23 PM - shyouhei (Shyouhei Urabe)

- Status changed from Open to Assigned

```
=begin
```

```
=end
```