

Ruby - Bug #10384

Fiddle::DLError: unknown symbol "Init_objspace" during Fiddle::TestHandle#test_NEXT and Fiddle::TestHandle#test_static_sym on Solaris

10/14/2014 01:14 PM - ngoto (Naohisa Goto)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	ruby 2.2.0dev (2014-10-14) [sparc64-solaris2.10]	Backport: 2.0.0: REQUIRED, 2.1: DONE, 2.2: DONE

Description

Solaris make test-all

2) Error:

```
DL::TestHandle#test_static_sym:
DL::DLError: unknown symbol "Init_objspace"
/XXXXX/test/dl/test_handle.rb:34:in `sym'
/XXXXX/test/dl/test_handle.rb:34:in `rescue in test_static_sym'
/XXXXX/test/dl/test_handle.rb:27:in `test_static_sym'
```

4) Error:

```
Fiddle::TestHandle#test_NEXT:
Fiddle::DLError: unknown symbol "Init_objspace"
/XXXXX/test/fiddle/test_handle.rb:171:in `[]'
/XXXXX/test/fiddle/test_handle.rb:171:in `rescue in test_NEXT'
/XXXXX/test/fiddle/test_handle.rb:144:in `test_NEXT'
```

5) Error:

```
Fiddle::TestHandle#test_static_sym:
Fiddle::DLError: unknown symbol "Init_objspace"
/XXXXX/test/fiddle/test_handle.rb:41:in `sym'
/XXXXX/test/fiddle/test_handle.rb:41:in `rescue in test_static_sym'
/XXXXX/test/fiddle/test_handle.rb:34:in `test_static_sym'
```

Fiddle::Handle.sym Fiddle::Handle. DL::Handle.sym RTLD_NEXT

Solaris man dlsym(3C)

http://docs.oracle.com/cd/E23823_01/html/816-5168/dlsym-3c.html

RTLD_NEXT	Instructs dlsym() to search for the named symbol in the objects that were loaded following the object from which the dlsym() call is being made.
-----------	--

Solaris dlsym handle RTLD_NEXT

require "objspace" objspace.so require "fiddle"

require

```
% ruby -e 'require "objspace"; require "fiddle"; p Fiddle::Handle.sym("Init_objspace")'
-e:1:in `sym': unknown symbol "Init_objspace" (Fiddle::DLError)
    from -e:1:in `'
% ruby -e 'require "fiddle"; require "objspace"; p Fiddle::Handle.sym("Init_objspace")'
9223372034655938496
```

grep require "objspace"

```
test/dl/test_handle.rb: require 'objspace'
test/fiddle/test_closure.rb: require 'objspace'
test/fiddle/test_handle.rb: require 'objspace'
```

```
test/lib/profile_test_all.rb:require 'objspace'
test/objspace/test_objspace.rb:require "objspace"
test/ruby/test file exhaustive.rb:  require "objspace"
```

Related issues:

Closed

Associated revisions

Revision 64e2406427a7126d7d04b018149b10535670ed84 - 01/05/2015 03:16 PM - nobu (Nobuyoshi Nakada)

```
test handle.rb: use -test-/dlm/empty
```

- `test/fiddle/test_handle.rb (test_NEXT)`: use `-test/-dln/empty` which is always a shared object and is not used by others.
[ruby-dev:48629] [Bug #10384]

git-svn-id: [svn+ssh://ci.ruby-lang.org/ruby/trunk@49157](https://ci.ruby-lang.org/ruby/trunk@49157) b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 64e24064 - 01/05/2015 03:16 PM - nobu (Nobuyoshi Nakada)

```
test handle.rb: use -test-/dlm/empty
```

- test/fiddle/test_handle.rb (test_NEXT): use -test/-dln/empty which is always a shared object and is not used by others. [ruby-dev:48629] [Bug #10384]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@49157 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision d8edc3e477bd0ccee0d52014cefc00b1ba2c081d - 03/30/2015 03:32 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) r49157: [Backport #10384]

```
* test/fiddle/test_handle.rb (test_NEXT): use -test-/dln/empty
which is always a shared object and is not used by others.
[ruby-dev:48629] [Bug #10384]
```

git-svn-id: [svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_1@50129](https://ci.ruby-lang.org/ruby/branches/ruby_2_1@50129) b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision d8edc3e4 - 03/30/2015 03:32 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) r49157: [Backport #10384]

```
* test/fiddle/test_handle.rb (test_NEXT): use -test-/dln/empty
which is always a shared object and is not used by others.
[ruby-dev:48629] [Bug #10384]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_1@50129 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 976bf35c12581658f817541450cac253df3bc2d2 - 04/24/2015 08:34 AM - U.Nakamura

merge revision(s) 49154,49155,49156,49159: [Backport #10384] [Backport #11085]

```
ext/-test-/dln/empty: move from ext/-test-/win32/dln
* test/fiddle/test_handle.rb: fix syntax.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_1@50383 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 976bf35c - 04/24/2015 08:34 AM - U.Nakamura

merge revision(s) 49154,49155,49156,49159: [Backport #10384] [Backport #11085]

```
ext/-test-/dln/empty: move from ext/-test-/win32/dln
* test/fiddle/test_handle.rb: fix syntax.
```

git-svn-id: [svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_1@50383](https://ci.ruby-lang.org/ruby/branches/ruby_2_1@50383) b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision b1a5f3e4b41bca40e921ac211b7d6784f6606cf1 - 03/28/2016 02:53 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 49157: [Backport #10384]

```
* test/fiddle/test_handle.rb (test_NEXT): use -test-/dln/empty
  which is always a shared object and is not used by others.
```

[ruby-dev:48629] [Bug #10384]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_2@54316 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision b1a5f3e4 - 03/28/2016 02:53 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 49157: [Backport #10384]

```
* test/fiddle/test_handle.rb (test_NEXT): use -test-/dln/empty
which is always a shared object and is not used by others.
[ruby-dev:48629] [Bug #10384]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_2@54316 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 82752cc1ce2129c9d44515f40739a27b88218f0d - 03/28/2016 05:46 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 49154: [Backport #10384]

```
ext/-test-/dln/empty: move from ext/-test-/win32/dln
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_2@54342 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 82752cc1 - 03/28/2016 05:46 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 49154: [Backport #10384]

```
ext/-test-/dln/empty: move from ext/-test-/win32/dln
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_2@54342 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 01/05/2015 03:38 AM - hsbt (Hiroshi SHIBATA)

- Related to Bug #9928: Fiddle::TestHandle#test_NEXT fails on AIX due to unexported symbols of extension libraries added

#2 - 01/05/2015 03:16 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

- % Done changed from 0 to 100

Applied in changeset r49157.

test_handle.rb: use -test-/dln/empty

- test/fiddle/test_handle.rb (test_NEXT): use -test-/dln/empty which is always a shared object and is not used by others.
[\[ruby-dev:48629\]](#) [Bug #10384]

#3 - 01/14/2015 08:09 AM - usa (Usaku NAKAMURA)

- Backport changed from 2.0.0: UNKNOWN, 2.1: UNKNOWN to 2.0.0: REQUIRED, 2.1: REQUIRED

#4 - 03/30/2015 03:33 PM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.0.0: REQUIRED, 2.1: REQUIRED to 2.0.0: REQUIRED, 2.1: DONE

Backported into ruby_2_1 at r50129.

#6 - 04/22/2015 04:57 AM - ngoto (Naohisa Goto)

- Backport changed from 2.0.0: REQUIRED, 2.1: DONE to 2.0.0: REQUIRED, 2.1: REQUIRED

#7 - 04/24/2015 08:34 AM - usa (Usaku NAKAMURA)

- Backport changed from 2.0.0: REQUIRED, 2.1: REQUIRED to 2.0.0: REQUIRED, 2.1: DONE

ruby_2_1 r50383 merged revision(s) 49154,49155,49156,49159.

#8 - 03/28/2016 02:53 PM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.0.0: REQUIRED, 2.1: DONE to 2.0.0: REQUIRED, 2.1: DONE, 2.2: DONE

Backported into ruby_2_2 branch at r54316.

#9 - 03/28/2016 05:50 PM - nagachika (Tomoyuki Chikanaga)

r49154 should be backported too. Backported into ruby_2_2 branch at r54342.