

## subtle - Bug #316

### Can't launch subtle / sublter on archlinux

01/06/2015 04:00 PM - François-Xavier LdM

<b>Status:</b>	Closed	<b>Start date:</b>	01/06/2015
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			

#### Description

Hello,

After «patching» the Rakefile as exposed in [#315](#)

Run the compilation process of subtle. after installation, when I launch sublter, I got the following message :

@

```
$>subtlter
```

```
ERROR: Cannot find runtime files of sublter
Please make sure that you installed subtle into the
current ruby environment (2.2.0)
```

@

all the console output :

@

```
$>cd subtle
```

```
$>rake
```

```
checking for stdio.h... yes
checking for stdlib.h... yes
checking for stdarg.h... yes
checking for string.h... yes
checking for unistd.h... yes
checking for signal.h... yes
checking for errno.h... yes
checking for assert.h... yes
checking for sys/time.h... yes
checking for sys/types.h... yes
checking for sys/inotify.h... yes
checking for wordexp.h... yes
checking for execinfo.h... yes
checking for X11/Xlib.h... yes
checking for X11/Xpm.h... yes
checking for X11/Xft/Xft.h... yes
checking for X11/extensions/Xinerama.h... yes
checking for X11/extensions/Xrandr.h... yes
checking for X11/extensions/XTest.h... yes
checking for select()... yes
checking for rb_enc_set_default_internal()... yes
Creating config.yml
creating config.h
```

```
subtle 0.11.3243
```

```
-----
Binaries.....: //usr/bin
```

```
Configuration.....: /etc/xdg/subtle
```

```
Extension.....: //usr/lib/ruby/site_ruby/2.2.0/subtle
```

```
Xpm support.....: yes
Xft support.....: yes
Xinerama support....: yes
XRandR support.....: yes
XTest support.....: yes
Debugging messages.: no
```

```
CC build/subtle/shared.o
CC build/subtle/array.o
CC build/subtle/client.o
CC build/subtle/display.o
CC build/subtle/event.o
CC build/subtle/ewmh.o
CC build/subtle/grab.o
CC build/subtle/gravity.o
CC build/subtle/hook.o
CC build/subtle/panel.o
CC build/subtle/ruby.o
CC build/subtle/screen.o
CC build/subtle/style.o
CC build/subtle/subtle.o
CC build/subtle/tag.o
CC build/subtle/text.o
CC build/subtle/tray.o
CC build/subtle/view.o
```

```
LD subtle
```

```
CC build/subtlext/shared.o
CC build/subtlext/client.o
CC build/subtlext/color.o
CC build/subtlext/geometry.o
CC build/subtlext/gravity.o
CC build/subtlext/icon.o
CC build/subtlext/screen.o
CC build/subtlext/sublet.o
CC build/subtlext/subtle.o
CC build/subtlext/subtlext.o
CC build/subtlext/tag.o
CC build/subtlext/tray.o
CC build/subtlext/view.o
CC build/subtlext/window.o
```

```
LD subtlext
```

```
h$>sudo rake install
```

```
LD subtle
```

```
LD subtlext
```

```
INSTALL config
```

```
INSTALL subtle
```

```
INSTALL subtlext
```

```
INSTALL subtler
```

```
INSTALL sur
```

```
INSTALL tools
```

```
INSTALL manpages
```

```
$>subtler
```

```
ERROR: Cannot find runtime files of subtler
Please make sure that you installed subtle into the
current ruby environment (2.2.0)
```

## History

#1 - 01/06/2015 04:02 PM - François-Xavier LdM

(sorry for the issue output, I don't have the right to modify it after submission ... )

## #2 - 01/06/2015 04:03 PM - François-Xavier Ldm

installation process in verbose mode :

```
$> sudo rake install -v
gcc -o subtle build/subtle/shared.o build/subtle/array.o build/subtle/client.o build/subtle/display.o build/subtle/event.o build/subtle/ewmh.o
build/subtle/grab.o build/subtle/gravity.o build/subtle/hook.o build/subtle/panel.o build/subtle/ruby.o build/subtle/screen.o build/subtle/style.o
build/subtle/subtle.o build/subtle/tag.o build/subtle/text.o build/subtle/tray.o build/subtle/view.o -L/usr/lib -Wl,-rpath=/usr/lib -L/usr/lib -lpthread -lgmp
-ldl -lcrypt -lm -lruby -lX11 -lXft -lXinerama -lXrandr
gcc -o subtext.so build/subtext/shared.o build/subtext/client.o build/subtext/color.o build/subtext/geometry.o build/subtext/gravity.o
build/subtext/icon.o build/subtext/screen.o build/subtext/sublet.o build/subtext/subtle.o build/subtext/subtext.o build/subtext/tag.o
build/subtext/tray.o build/subtext/view.o build/subtext/window.o -shared -L. -Wl,-O1,--sort-common,--as-needed,-z,relro -fstack-protector -rdynamic
-Wl,-export-dynamic -L/usr/lib -Wl,-rpath=/usr/lib -lpthread -lgmp -ldl -lcrypt -lm -lruby -lX11 -lXpm -lX11 -lXft -lXinerama -lXtst
INSTALL config
install -c -m 0644 data/subtle.rb /etc/xdg/subtle
INSTALL subtle
install -c -m 0755 subtle //usr/bin
INSTALL subtext
install -c -m 0644 subtext.so //usr/lib/ruby/site_ruby/2.2.0/subtle
INSTALL subtler
install -c -m 0644 data/subtler/runner.rb //usr/lib/ruby/site_ruby/2.2.0/subtle/subtler
INSTALL sur
install -c -m 0644 data/sur/client.rb //usr/lib/ruby/site_ruby/2.2.0/subtle/sur
install -c -m 0644 data/sur/runner.rb //usr/lib/ruby/site_ruby/2.2.0/subtle/sur
install -c -m 0644 data/sur/server.rb //usr/lib/ruby/site_ruby/2.2.0/subtle/sur
install -c -m 0644 data/sur/specification.rb //usr/lib/ruby/site_ruby/2.2.0/subtle/sur
install -c -m 0644 data/sur/test.rb //usr/lib/ruby/site_ruby/2.2.0/subtle/sur
install -c -m 0644 data/sur/version.rb //usr/lib/ruby/site_ruby/2.2.0/subtle/sur
INSTALL tools
install -c -m 0755 data/bin/subtler //usr/bin
install -c -m 0755 data/bin/sur //usr/bin
install -c -m 0755 data/bin/surserver //usr/bin
INSTALL manpages
install -c -m 0644 data/man/subtle.1 //usr/share/man/man1
install -c -m 0644 data/man/subtler.1 //usr/share/man/man1
install -c -m 0644 data/man/subtext.1 //usr/share/man/man1
install -c -m 0644 data/man/sur.1 //usr/share/man/man1
install -c -m 0644 data/man/surserver.1 //usr/share/man/man1
```

### #3 - 01/06/2015 04:05 PM - Christoph Kappel

Can you open `subtler` with an editor and post the shebang line from the file?

Do you use the same system ruby for your user or any virtualized one like `rubybench/rvm/etc`?

Also when your copy of the repo is from a previous install, run `rake clobber` first to wipe cached data when e.g. a library version has changed.

### #4 - 01/06/2015 04:17 PM - François-Xavier LdM

```
@head /usr/bin/subtler
```

```
#!/usr/bin/ruby # encoding: utf-8 # # @package subtle # # @file Subtle remote # @author Christoph Kappel <unexist@subforge.org> #  
@version $Id: sur.rb,v 7 2009/09/07 21:25:11 unexist $ # # This program can be distributed under the terms of the GNU GPL.@
```

(same result with `subtle/data/bin/subtler`)

Do you use the same system ruby for your user or any virtualized one like `rubybench/rvm/etc`?

I don't write ruby programs, so I suppose I got the default setting.

Also when your copy of the repo is from a previous install, run `@rake clobber` first to wipe cached data when e.g. a library version has changed.

I tried to rerun `rake` after `rake clobber`, no effect, but I cloned a fresh version of `subtler` from `mercurial`, so it shouldn't be the problem.

### #5 - 01/09/2015 02:23 PM - François-Xavier LdM

*- Status changed from Confirmed to Closed*

I feel so stupid,

It seems to be just a permission problem,  
`/usr/lib/ruby/site_ruby/2.2.0` and all files inside are not readable by non-root user.

I don't know if it is a ruby bug or a packaging error.

Thank you for your time.