

## Ruby master - Bug #3821

### UNIXSocket#send\_io and multi-arch compiling

09/13/2010 02:48 AM - kch (Caio Chassot)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b>	
<b>ruby -v:</b> r29241	<b>Backport:</b>
<b>Description</b>	
<pre>=begin It seems we have a problem with UNIXSocket#send_io when compiling for multiple archs. It showed up for me when trying to use mod_rails with a universal ruby on the Mac. Here's an excerpt of an exchange I had with the mod_rails guys:      (All on OS X 10.6)      It seems if have ruby compiled for multiple archs, eg:      • ./configure --with-arch=x86_64,i386     • port install ruby19 +universal      And Apache 2 as x86_64 only, passenger will compile mod_passenger.so     as x86_64. Up to here, everything seems reasonable. But then, when     trying to load an app via passengers I'll get errors like this:      *** Exception NotImplementedError in     PhusionPassenger::Rack::ApplicationSpawner (send_io() function is     unimplemented on this machine) (process 31302): ...      Reinstalling ruby as x86_64 only fixes it.      UNIXSocket#send_io is a Ruby socket library function and it would     appear that they're not turning it on properly during compile time     when compiling it in universal mode. You should file a bug report. =end</pre>	

### History

#### #1 - 09/13/2010 06:52 PM - nobu (Nobuyoshi Nakada)

```
=begin
Hi,
```

At Mon, 13 Sep 2010 02:49:33 +0900,  
Caio Chassot wrote in [ruby-core:32341]:

```
(All on OS X 10.6)
(snip)
*** Exception NotImplementedError in
PhusionPassenger::Rack::ApplicationSpawner (send_io() function is
unimplemented on this machine) (process 31302): ...

Reinstalling ruby as x86_64 only fixes it.
```

I had disabled the feature on 64bit darwin due to a bug in the system header /usr/include/i386/\_param.h of darwin 9.8. So it should not be enabled by just installing as x86\_64 only.

r27530 | nobu | 2010-04-28 17:14:18 +0900 (Wed, 28 Apr 2010) | 2 lines

- ext/socket/extconf.rb: CMSG\_ macros are broken on 64bit darwin, because of use of \_\_DARWIN\_ALIGN.  
-----

To use this feature, you have to revert this commit at least, and to run, the system header has to have been fixed already.

--

Nobu Nakada

=end

**#2 - 09/13/2010 08:28 PM - nobu (Nobuyoshi Nakada)**

- *Category set to ext*

- *Status changed from Open to Closed*

- *ruby -v set to r29241*

=begin

Fixed with r29242.

=end