

Ruby master - Bug #4636

thread.c#do_select() `HAVE_RB_FD_INIT`

04/30/2011 05:33 PM - kosaki (Motohiro KOSAKI)

Status: Closed	
Priority: Normal	
Assignee: kosaki (Motohiro KOSAKI)	
Target version: 1.9.3	
ruby -v: ruby 1.9.3dev (2011-04-30 trunk 31387) [x86_64-linux]	Backport:

Description

```
=begin

```

```
do_select()
```

```
fd_set UNINITIALIZED_VAR(orig_read);
```

```
....
if (read) orig_read = *read;
```

```
BSD
http://netbsd.gw.com/cgi-bin/man-cgi?select+-+NetBSD-4.0
```

```
fd_set *fdsr;
int max = fd;

fdsr = (fd_set *)calloc(howmany(max+1, NFDBITS),
    sizeof(fd_mask));
if (fdsr == NULL) {
    ...
    return (-1);
}
FD_SET(fd, fdsr);
n = select(max+1, fdsr, NULL, NULL, &tv);
...
free(fdsr);
```

```
allocate fd_set fd_set* dereference
NFILE limit
```

```
thread.c fd_set* rb_fd_set_t*
rb_fd_copy()
```

```
commit ae317b518c4dcbcbf0ed02bb9e6cd7513f0a34fe
Author: ko1 ko1@b2dd03c8-39d4-4d8f-98ff-823fe69b080e
Date: Thu Feb 8 11:51:40 2007 +0000
```

```
* thread.c: change GVL_UNLOCK_RANGE() arguments
  (adding ubf as 2nd argument).
* thread.c: fix to use polling in select on cygwin and mswin32.
```

```
(snip)
```

```
=end
```

Associated revisions

Revision 3c68095b - 04/30/2011 11:23 AM - kosaki (Motohiro KOSAKI)

- thread.c (do_select): Change argument type to rb_fdset_t.
Now do_select() is free from unexpected hangup if
HAVE_RB_FD_INIT=1 [Bug #4636]
- thread.c (rb_thread_fd_select, rb_thread_wait_fd_rw):
adapt new argument type.
- thread.c (rb_thread_select): make dummy implementation.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@31396 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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History

#1 - 04/30/2011 11:20 PM - kosaki (Motohiro KOSAKI)

- Status changed from Open to Closed

r31394-r31397 □□□□□□□□□□□□□□