Ruby trunk - Bug #10975

[BUG] rb_sys_fail(getaddrinfo) - errno == 0 (Ruby 2.0.0)

03/15/2015 04:20 PM - dr_gonzo (Steve Johnson)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td></td>
</tr>
</tbody>
</table>

**ruby -v:**
ruby 2.0.0p598 (2014-11-13 revision 48408) [x86_64-linux]

**Backport:**
2.0.0: WONTFIX, 2.1: DONE, 2.2: DONE

**Description**

I'm not a developer and I'm not interested in upgrading Ruby as a troubleshooting step. I googled the error but have no idea if the solutions I found address this issue.

Environment: Ubuntu 14 with Ruby 2.0.0, Apache 2.4, PHP 5.6, Jekyll 2.4.0, Markdown source with some HTML in source also

Steps to reproduce:

1. rm -rf _site
2. bundle exec jekyll serve
3. check-links --no-warnings .

Expected result: check-links runs without errors

Actual result: check-links starts throwing these while checking files that were authored in HTML:

Problem: ./_site/guides/m1x/other/solr-ee-patches.html

Link: http://support.magentocommerce.com/

Response: Too many open files - getaddrinfo

Note: check-links worked fine before I added the HTML-authored files to the project.

**Final stack trace:**

/home/stack/.rvm/rubies/ruby-2.0.0-p598/lib/ruby/2.0.0/net/http.rb:878: [BUG] rb_sys_fail(getaddrinfo) - errno == 0
ruby 2.0.0p598 (2014-11-13 revision 48408) [x86_64-linux]

(snip)

**Associated revisions**

Revision db7a4e66 - 04/30/2015 07:39 AM - nobu (Nobuyoshi Nakada)

ipsocket.c: sys_error

- ext/socket/ipsocket.c [init_inetsock_internal]: preserve errno before other library calls and use rb_syserr_fail. [ruby-core:68531] [Bug #10975]

Git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@50404 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 50404 - 04/30/2015 07:39 AM - nobu (Nobuyoshi Nakada)

ipsocket.c: sys_error

- ext/socket/ipsocket.c [init_inetsock_internal]: preserve errno before other library calls and use rb_syserr_fail. [ruby-core:68531] [Bug #10975]

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Revision 50404 - 04/30/2015 07:39 AM - nobu (Nobuyoshi Nakada)
imsocket.c: sys_error
   * ext/socket/ipsocket.c (init_inetsock_internal): preserve errno before other library calls and use rb_syserr_fail. [ruby-core:68531] [Bug #10975]

Revision 03c19dc5 - 04/30/2015 07:45 AM - nobu (Nobuyoshi Nakada)
imsocket.c: fix merge miss
   * ext/socket/ipsocket.c (init_inetsock_internal): fix local variable name by merge miss. [ruby-core:68531] [Bug #10975]

Revision 50405 - 04/30/2015 07:45 AM - nobu (Nobuyoshi Nakada)
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Revision 50405 - 04/30/2015 07:45 AM - nobu (Nobuyoshi Nakada)
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imsocket.c: fix merge miss
   * ext/socket/ipsocket.c (init_inetsock_internal): fix local variable name by merge miss. [ruby-core:68531] [Bug #10975]

Revision ad70c73c - 05/21/2015 04:59 AM - usa (Usaku NAKAMURA)
merge revision(s) 50404,50405: [Backport #10975]
   * ext/socket/ipsocket.c (init_inetsock_internal): preserve errno before other library calls and use rb_syserr_fail. [ruby-core:68531] [Bug #10975]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_1@50578 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 50578 - 05/21/2015 04:59 AM - usa (Usaku NAKAMURA)
merge revision(s) 50404,50405: [Backport #10975]
   * ext/socket/ipsocket.c (init_inetsock_internal): preserve errno before other library calls and use rb_syserr_fail. [ruby-core:68531] [Bug #10975]

Revision 3a35a8e9 - 05/23/2015 06:31 PM - nagachika (Tomoyuki Chikanaga)
merge revision(s) 50404,50405: [Backport #10975]
   * ext/socket/ipsocket.c (init_inetsock_internal): preserve errno before other library calls and use rb_syserr_fail. [ruby-core:68531] [Bug #10975]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_2@50626 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 50626 - 05/23/2015 06:31 PM - nagachika (Tomoyuki Chikanaga)
merge revision(s) 50404,50405: [Backport #10975]
   * ext/socket/ipsocket.c (init_inetsock_internal): preserve errno before other library calls and use rb_syserr_fail. [ruby-core:68531] [Bug #10975]

History
Could you try this patch?

diff --git i/ext/socket/ipsocket.c w/ext/socket/ipsocket.c
index fa5c13c..0dd3ac5 100644
--- i/ext/socket/ipsocket.c
+++ w/ext/socket/ipsocket.c
@@ -41,6 +41,7 @@ inetsock_cleanup(struct inetsock_arg *arg)
    static VALUE
    init_inetsock_internal(struct inetsock_arg *arg)
    {
+   int error = 0;
      int type = arg->type;
      struct addrinfo *res;
      int fd, status = 0;
@@ -92,6 +93,7 @@ init_inetsock_internal(struct inetsock_arg *arg)
           break;
      if (status < 0) {
-         rb_sys_fail(syscall);
+         rb_syserr_fail(error, syscall);
       }
   }

   if (status < 0) {
+      error = errno;
      close(fd);
      arg->fd = fd = -1;
      continue;
@@ -99,7 +101,7 @@ init_inetsock_internal(struct inetsock_arg *arg)
           break;
      if (status < 0) {
-         rb_sys_fail(syscall);
+         rb_syserr_fail(error, syscall);
       }

       arg->fd = -1;
@@ -107,8 +109,9 @@ init_inetsock_internal(struct inetsock_arg *arg)
           if (type == INET_SERVER) {
               status = listen(fd, SOMAXCONN);
              if (status < 0) {
+                 error = errno;
                 close(fd);
-                 rb_sys_fail("listen(2)");
+                 rb_syserr_fail(error, "listen(2)");
              }
           }

#2 - 03/16/2015 01:46 AM - nobu (Nobuyoshi Nakada)

Fixed the previous patch.

diff --git a/ext/socket/ipsocket.c b/ext/socket/ipsocket.c
index fa5c13c..314825c 100644
--- a/ext/socket/ipsocket.c
+++ b/ext/socket/ipsocket.c
@@ -41,6 +41,7 @@ inetsock_cleanup(struct inetsock_arg *arg)
    static VALUE
    init_inetsock_internal(struct inetsock_arg *arg)
    {
+   int error = 0;
      int type = arg->type;
      struct addrinfo *res;
      int fd, status = 0;
@@ -66,6 +67,7 @@ init_inetsock_internal(struct inetsock_arg *arg)
           syscall = "socket(2)";
           fd = status;
           if (fd < 0) {
+              error = errno;
              continue;
          }

          arg->fd = fd;
@@ -92,6 +94,7 @@ init_inetsock_internal(struct inetsock_arg *arg)

if (status < 0) {
    error = errno;
    close(fd);
    arg->fd = fd = -1;
    continue;
}
@@ -99,7 +102,7 @@ init_inetsock_internal(struct inetsock_arg *arg)
       break;
    }
    if (status < 0) {
      - rb_sys_fail(syscall);
      + rb_syserr_fail(error, syscall);
    }
    arg->fd = -1;
@@ -107,8 +110,9 @@ init_inetsock_internal(struct inetsock_arg *arg)
      if (type == INET_SERVER) {
        status = listen(fd, SOMAXCONN);
        if (status < 0) {
          - error = errno;
          + close(fd);
            - rb_sys_fail("listen(2)");
            + rb_syserr_fail(error, "listen(2)");
        }
      }
}

#3 - 04/30/2015 07:40 AM - nobu (Nobuyoshi Nakada)
- Status changed from Feedback to Closed

Applied in changeset r50404.

ipsocket.c: sys_error

- ext/socket/ipsocket.c (init_inetsock_internal): preserve errno before other library calls and use rb_syserr_fail. [Bug #10975]

#4 - 05/21/2015 01:48 AM - usa (Usaku NAKAMURA)
- Backport changed from 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN to 2.0.0: WONTFIX, 2.1: REQUIRED, 2.2: REQUIRED

#5 - 05/21/2015 04:59 AM - usa (Usaku NAKAMURA)
- Backport changed from 2.0.0: WONTFIX, 2.1: REQUIRED, 2.2: REQUIRED to 2.0.0: WONTFIX, 2.1: DONE, 2.2: REQUIRED

ruby_2_1 r50578 merged revision(s) 50404,50405.

#6 - 05/23/2015 06:31 PM - nagachika (Tomoyuki Chikanaga)
- Backport changed from 2.0.0: WONTFIX, 2.1: DONE, 2.2: REQUIRED to 2.0.0: WONTFIX, 2.1: DONE, 2.2: DONE

Backported into ruby_2_2 branch at r50626.

Files
bug-10975.log 20.1 KB 03/16/2015 nobu (Nobuyoshi Nakada)