Subject: [RFC PATCH 0/5] net: socket bind to file descriptor introduced Posted by Stanislav Kinsbursky on Wed, 15 Aug 2012 16:21:56 GMT View Forum Message <> Reply to Message

This patch set introduces new socket operation and new system call: sys\_fbind(), which allows to bind socket to opened file. File to bind to can be created by sys mknod(S IFSOCK) and opened by open(O\_PATH).

This system call is especially required for UNIX sockets, which has name lenght limitation.

The following series implements...

```
Stanislav Kinsbursky (5):
   net: cleanup unix_bind() a little
   net: split unix bind()
   net: new protocol operation fbind() introduced
   net: fbind() for unix sockets protocol operations introduced
   syscall: sys fbind() introduced
arch/x86/syscalls/syscall_32.tbl |
arch/x86/syscalls/syscall_64.tbl |
include/linux/net.h
                        | 2+
include/linux/syscalls.h
                             1
kernel/sys ni.c
                        | 3+
net/socket.c
                       | 25 ++++++
net/unix/af unix.c
                        7 files changed, 140 insertions(+), 29 deletions(-)
```