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

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 | 1
 arch/x86/syscalls/syscall_64.tbl | 1
 include/linux/net.h | 2 +
 include/linux/syscalls.h | 1
 kernel/sys_ni.c | 3 +
 net/socket.c | 25 ++++++
 net/unix/af_unix.c | 136 ++++++++++++++++++++++++++++++--------
 7 files changed, 140 insertions(+), 29 deletions(-)