Net Files

Default make file will create executable "server" and "client_U_RW" files with extension A, B, C, and D.

"client_U_RW" is set to connect netfileserver on "localhost" with `UNRESTRICTED_MODE` in ext_A and open file "test.txt" with `O_RDWR` , read at most 64 bytes using `netread` , write 20 'A' and 44 '\0' after read 64 bytes using `netwrite` , and call `netclose` to close file after press enter in terminal.

Compiling options:

- To compile different client with different extension, use any number of the following flags:

    - `-DEXT_A`
    - `-DEXT_B`
    - `-DEXT_C`
    - `-DEXT_D`

- To compile differnet client with different file mode defined in ext_A, use only one of the following flags:

    - `-DFILE_MODE=UNRESTRICTED_MODE`
    - `-DFILE_MODE=EXCLUSIVE_MODE`
    - `-DFILE_MODE=TRANSACTION_MODE`

    Note: EXT_A flag must be included

- To compile different client with different permission of file, use only one of the following flags:

    - `-DOPEN_MODE=O_RDWR`
    - `-DOPEN_MODE=O_RDONLY`
    - `-DOPEN_MODE=O_WRONLY`

- To compile different client with different address of server, use the following flag replacing target address

    - `-DHOST="localhost"`

    Note: use double quote around host address

- To compile different client with different file name, use the following flag replacing target file:

    - `-DFILE_NAME="test.txt"`

    Note: use double quote around file name