

Open Command

Client sends:

`< size > ! < op > ! < flag > ! < pathname > '\0'`

Server responds with:

`< size > ! < filedes > '\0'`

Read Command

Client sends:

`< size > ! < op > ! < nbyte > ! < filedes > '\0'`

Server responds with:

`< size > ! < nbytes > ! < buffer > '\0'`

Write Command

Client sends:

`< size > ! < op > ! < filedes > ! < nbyte > ! < buffer > '\0'`

Server responds with:

`< size > ! < nbytes > '\0'`

Close Command

Client sends:

`< size > ! < op > ! < filedes > '\0'`

Server responds with:

`< size > ! < num > '\0'`

Notes

Any notes that I can think of will go down here.

The following fields in the above can be one or more characters and thus require you to check the number of characters in them: *size*, *nbyte*, *filedes*. Also be sure to check that the provided fields are valid. *filedes* should be negative (but not -1), *nbyte* should be greater than 0, and *size* should be greater than 0.

Don't forget to null terminate