File Client: File Servet: main() { main() { new File Client(); num FiloServer (); Naming rebind ("rmi://localhost: arg[1]/
f:le client") Naming rebind ("mi://localhost:agtel /fileserver"); client_loop();

y
void loop() { while (true) if receiving guit or exit while (true) { corite back Thread. Stort(); boolean upload (String client, String filaname, read filename or guit } read wor r V (a) writeback FileContients contents) { exit! file upleade Search file cache for filename create a file if not found. write back Thread kill(); file upload (client, contents); if the requested file is not in the cache & For each cached file object: if the current cached file synchronized boolean upload (client, contents) file.upload(); for each client sharing this file Naming 100 kup (---); file download (filename, w); client invalidate()) empty this fist; save contents in this cache. change This file state; file. launch Editor (w); File Contents download (Juent, Plenane, mode) boolean write back()?

file. state = writeback; search I le cache for filename wend null, . if not found boolean invalidate() of file. state = invalid; file. download (client, mode);

For each cacheed file object: Synchronized FileContents download (client, mode) ? chang this file state; if necessary, call client. writeback()) neturn FileContents;