

S38.3600As2_DesignChart YunfengHe_244536

Topic2 Data Transfer

Key Elements:

FIFO(inter-program com);

Semaphore(inter-process com : access control);

Thread creation(parallel tasks);

Thread synchronization(Mutex and signal used);

Daemon;

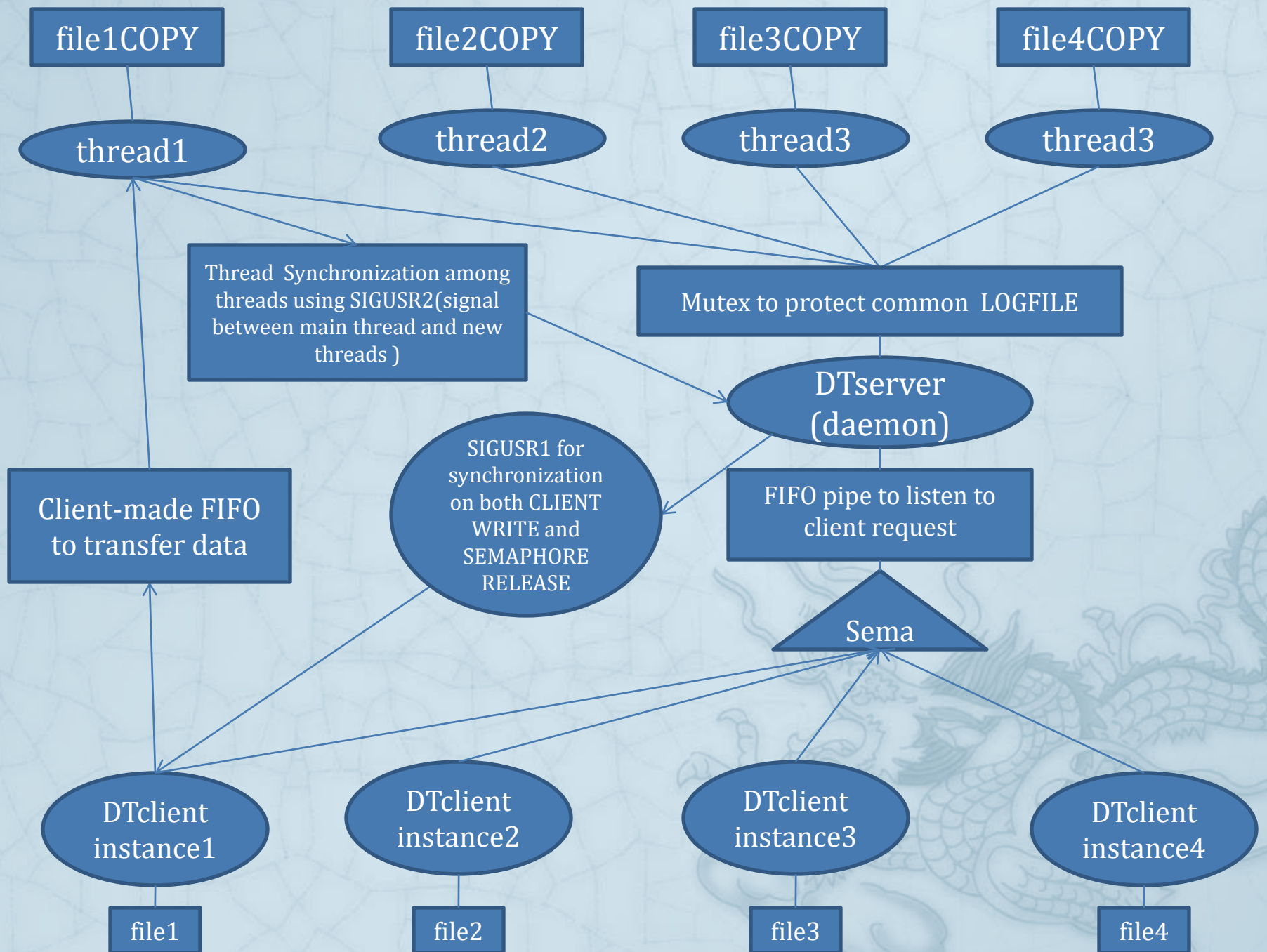
Also employs:

Select()'s build-in timer(Server timeout);

Signal handling(for server-client synchronization).

Code replacement in Dtclient_helper(saving test misery)

Dec,13th,2012



./Dtclient_helper file1 file2 file3 ... fileK

Dtclient_helper

Fork and
exec()

DTclient
instance1

file1

DTclient
instance2

file2

DTclient
instance3

file3

DTclient
instanceK

fileK

