

Function A.ServerStart(B)

A calls B.requestJoinLock()

For *Server X in B's server list*

B calls X.getJoinLock()

If *fail to get join lock*

For *Server Y in B's lock grabbed list*

B calls Y.releaseJoinLock()

return failure

A rsync with B

A calls B.join()

For *Server X in B's server list*

B calls X.addServer(A)

For *Server X in B's server list*

B calls X.releaseJoinLock()

B returns server list to A

A update server list

End Function