State Diagram – Server Class

Server work

Initialization server

Checking data

Choose node

do / choose node for
part of data
exit / send data to suitable node

Get partial data

Get new
problem

Wait for the action

entry / data

Choose problem

Correct data

Find task manager

entry / data
do / send to task manager

Send partial solutions to task manager

exit / send data to task manager

Get partial solution

Send final solutions to the computational client

exit / send data

Get final solution

Exit