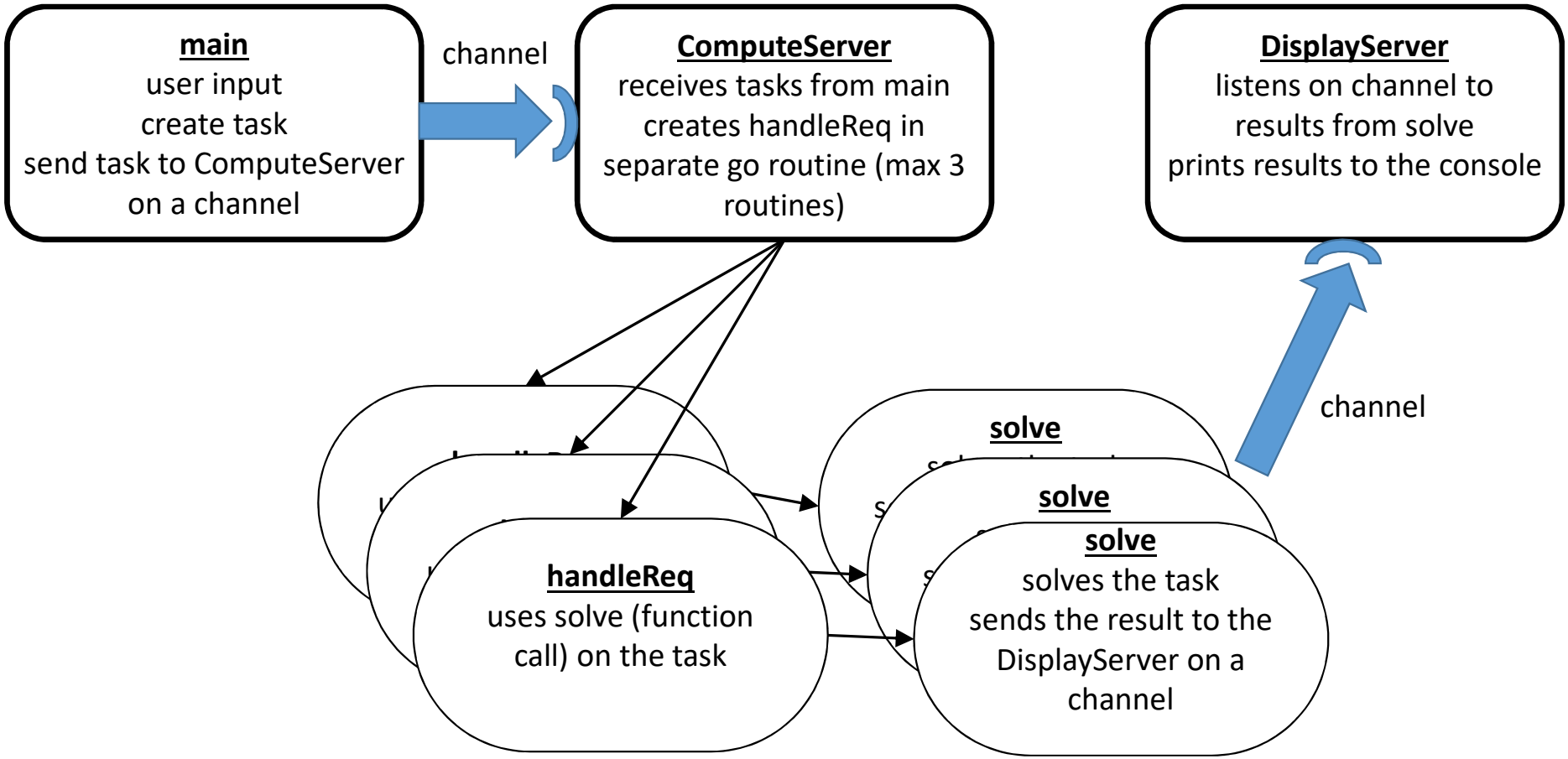
main
user input
create task
send task to ComputeServer on a channel
channel
ComputeServer
receives tasks from main
creates handleReq in separate go routine (max 3 routines)
DisplayServer
listens on channel to results from solve
prints results to the console
channel
handleReq
uses solve (function call) on the task
solve
solve
solve
solves the task
sends the result to the DisplayServer on a channel