

Data structures & socket communication

SERVER

accounts[]

CLIENT

account

DRIVER

account

ACCOUNT

int uuid

int x,y

metadata agent

trips[]

METADATA

string name string url

TRIP

int uuid

address from, to

metadata agent

status status

STATUS

enum WAITING

enum ACCEPTED, DENIED

enum ACTIVE

enum PAUSED

enum TERMINATED

SOCKETS

SEND

LOGIN

string username string password

ORDER

address from, to

date date

int uuid status status

LOCATION

int uuid int x,y

RECEIVE

LOGIN

status status

account account

 \rightarrow ORDER

trip trip