JSON formats

Reset(reset the reservations) (MCU):

{

"type": "reset"

}

Reset-ACK (server):

{

"type": "reset-ACK"

}

request car access (MCU):

{

"type": "enter\_request",

"plateNumber": "TM12ABC"

}

reply car access (server):

{

"type": "enter\_reply",

"plateNumber": "TM12ABC",

"parkingSpaceNumber": "Y/N/A1/B2"

}

send info(car exited) (MCU):

{

"type": "exit\_request",

"plateNumber ": "TM12ABC"

}

send info(car exited) ACK (server):

{

"type": "exit\_reply",

"plateNumber ": "TM12ABC"

}

led\_state + free spaces (periodic) (MCU):

{

"type": "led\_state",

"values": [0,1,0,1,0,1,0,1,0,1,0,1,0,1,0,1]

}

request one space + seqnr(in case pkt drops) (server):

{

"type": "reservation\_request",

"plateNumber ": "TM12ABC",

"seq\_nr": "1234"

}

reply reservation created (MCU):

{

"type": "reservation\_reply",

"plateNumber ": "TM12ABC",

"space": "A1/B2/X",

"seq\_nr": "1234",

}