

UDP - Application layer protocol

The extension nr. 1

Tolerance

The protocol should have an idle tolerance which means that if no packages has been sent for 4 seconds the connection resets. In order to reset the connection a special package should be constructed that sends an array of data like this:

con-res 0xFE

... and the CLIENT then sends an con-res 0xFF to the SERVER as an acknowledgment of the received.

New options

If no packages has been sent within 3 seconds, and only if the option is set to true in the config file, after those 3 seconds the client sends a heartbeat to the server telling “that it is still active/online”. Heartbeat syntax: con-h 0x00

Config file name is: opt.conf

Layout of config is like this:

<option> : <value>

Til heartbeat vil denne være:

KeepALive : True

Maximum packages per second per client

Implement a way to automate sending a package to the server.

The server can only accept 25 packages per second as per default.

Make it as an option to the `opt.conf` that it can be scaled to the size desired.