

Code Change Documentation

Refactoring:

CRC Checksum:

Moved "long calcCRC(String data)" from CPCommandMessage.java to CpMsg.java

Implemented the CRC check from Task1 in CPCommand ResponseMessage

Receive:

Implemented the ID check correctly

messageIdCount:

moved "int messageIdCount" from CPCommandMessage to CPProtocol

send() in CPProtocol:

Overloaded send() method to set a custom message instead of an empty String

Server cookie processing:

I've created CPServerCookieResponseMsg.java that handles the response Message to the Client about the processed cookie. It just extends the CPCookieResponseMsg class that actually builds the Frame. CPCookieResponseMsg cannot be used on its own because the Methods are protected.

I've made the decision that if a cookie has not yet expired, the Server shall reject any new Cookie from a Client and send an appropriate response message.

cookieProcesing() also checks whether the Max amount of cookies (20) have been reached and act appropriately.