

Protocol Specification

Our protocol takes the application data sent to the transport layer on the local machine, encapsulates it in a data structure that is passed between cproxy and sproxy. The proxy programs create this data structure by first encoding the incoming data from the application, sending it to the destination proxy program, decoding the application data on the receiving proxy program, and then forwarding it to the final destination.

Below is a table that illustrates the contents of our protocol's messages:

Type	Describes the payload. Whether it is a heartbeat, application data, or a connection request (which wasn't implemented).
Payload length	The byte length of the application data.
Payload	The application data that is being forwarded.