Daytime Server Client

CS460: Computer Networks

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Protocol Specification

The protocol we have used for the retrieval of specific parts of a date and time from our server is a simple one. Client keeps connection to the server after a command was send.

Upon connection to the server the client sends a command with direction, length and pen status to the server. Delimiter for the commands is’:’. Please refer to the table below for the message specification.

|  |  |
| --- | --- |
| **Message** | **[direction]:[length]:[status]** |
| Direction | N – North  E – East  S – South  W - West |
| length | Specified by user |
| status | up – indicates pen up  down – indicates pen down |
| : | Field-delimiter |

All other messages are deemed invalid.