```
— Module SystemModel –
1 [
    Constants and related definitions describing the system model of Jupiter protocols.
5 EXTENDS Naturals, Sequence Utils
 6 H
    CONSTANTS
 7
        Client,
                      the set of client replicas
 8
        Server,
                      the (unique) server replica
9
10
        Msg,
                      the set of messages
        Char,
                      the set of characters
11
        InitState
12
                      the initial state of each replica
    ASSUME We assume that all inserted elements are unique.
14
            Range(InitState) \cap Char = \{\} due to the uniqueness requirement
15
16
    Replica \triangleq Client \cup \{Server\}
   List \stackrel{\triangle}{=} Seq(Char \cup Range(InitState))
                                                  all possible lists
20 |
   VARIABLES
21
        cincoming,
                        cincoming[c]: incoming channel at the client c \in Client
22
23
        sincoming
                        incoming channel at the Server
    Comm \triangleq INSTANCE \ CSComm
    \* Modification History
    * Last modified Mon Jan 14 17:24:11 CST 2019 by hengxin
    \* Created Sun Jan 13 09:51:52 CST 2019 by hengxin
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