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1  |----- MODULE XCJupiter -----|
  |Combination of XJupiter and CJupiter.|
6  EXTENDS Integers, OT, TLC, AdditionalFunctionOperators, AdditionalSequenceOperators
7  |-----|
8  CONSTANTS
9      Client,      the set of client replicas
10     Server,      the (unique) server replica
11     Char,        set of characters allowed
12     InitState    the initial state of each replica

  Variables for CJupiter
17  VARIABLES
  |For the client replicas:
21     cseq,      cseq[c]: local sequence number at client c ∈ Client
  |For the server replica:
25     soids,     the set of operations the Server has executed
  |For all replicas: the n-ary ordered state space
29     css,       css[r]: the n-ary ordered state space at replica r ∈ Replica
30     cur,       cur[r]: the current node of css at replica r ∈ Replica
31     state,     state[r]: state (the list content) of replica r ∈ Replica
  |For communication between the Server and the Clients:
35     cincoming, cincoming[c]: incoming channel at the client c ∈ Client
36     sincoming, incoming channel at the Server
  |For model checking:
40     chins      a set of chars to insert

42  cjupiter ≜ INSTANCE CJupiter
43  |-----|
  \ * Modification History
  \ * Last modified Wed Oct 24 14:43:27 CST 2018 by hengxin
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