```
– MODULE App\, -
EXTENDS E2T, NB
 The domain of all apps and their nodes
Constant App
InitApp Vars \triangleq TRUE
AppNodeSendSubscribeRequest(n, c) \stackrel{\Delta}{=}
     \land NBSend(c, [type \mapsto SubscribeRequest])
     \land UNCHANGED \langle \rangle
AppNodeHandleSubscribeResponse(a, n, c, m) \stackrel{\triangle}{=}
     \land NBReceive(c)
     \land UNCHANGED \langle \rangle
AppNodeHandleMessage(c) \stackrel{\Delta}{=}
     \land \ Len(nbConn[c].messages) > 0
     \wedge \text{ LET } m \stackrel{\triangle}{=} nbConn[c].messages[1]IN
              \land \lor \land m.type = SubscribeResponse
                     \land AppNodeHandleSubscribeResponse(nbConn[c].app, nbConn[c].appnode, c, m)
              \land UNCHANGED \langle \rangle
AppNext \stackrel{\triangle}{=}
     \vee \exists a \in \text{domain } App :
          \exists n \in App[a], r \in RICNode:
            NBConnect(a, n, r)
     \forall \exists c \in \text{DOMAIN } nbConn :
          AppNodeHandleMessage(c)
\* Modification History
\* Last modified Tue Aug 10 03:50:38 PDT 2021 by jordanhalterman
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