```
----- module xApp -
EXTENDS API
LOCAL INSTANCE Naturals
LOCAL INSTANCE Sequences
LOCAL INSTANCE FiniteSets
Constant App
Assume App \in \text{string}
Constant Nodes
ASSUME \land IsFiniteSet(Nodes)
           \land \, \forall \, n \in \mathit{Nodes} : n \in \mathit{STRING}
vars \stackrel{\Delta}{=} \langle \rangle
                         MODULE Store
   Init \stackrel{\triangle}{=} TRUE
   Next \stackrel{\triangle}{=} FALSE
LOCAL Store \stackrel{\triangle}{=} INSTANCE Store
                                  ——— MODULE SB —————
   subscriptionDetails \stackrel{\triangle}{=} [
      actions \mapsto [i \in Nat \mapsto [actionID \mapsto \{n \in Nat : n > 0 \land n < 256\}]]]
   SendSubscribeRequest(c) \stackrel{\triangle}{=}
       \land API!E2T!Client!Send!SubscribeRequest(c, [foo \mapsto "bar"])
       \land UNCHANGED \langle e2apApiVars, topoApiVars \rangle
   HandleSubscribeResponse(c, m) \triangleq
       \land UNCHANGED \langle e2apApiVars, topoApiVars \rangle
   SendUnsubscribeRequest(c) \triangleq
       \land API!E2T!Client!Send!UnsubscribeRequest(c, [foo \mapsto "bar"])
       \land UNCHANGED \langle e2apApiVars, topoApiVars \rangle
   Handle Unsubscribe Response(c, m) \triangleq
       \land UNCHANGED \langle e2apApiVars, topoApiVars \rangle
   Init \triangleq
       \wedge TRUE
```

 $[\]backslash * \ {\it Modification History}$

^{*} Last modified Sat Aug 14 12:43:39 PDT 2021 by jordanhalterman

 $[\]backslash *$ Created Tue Aug 10 04:55:35 PDT 2021 by jordanhalterman