```
MODULE array_ot
Returns a pair of sequences (server history, client history)
containing the tails of serverLog and clientLog[c] starting im-
mediately after their common point in history of when they
were last merged together.
Unmerged(c) \triangleq
  Pair(SubSeq(serverLog,
                progress[c].serverVersion + 1,
                 Len(serverLog)),
        SubSeq(clientLog[c],
                progress[c].clientVersion + 1,
                 Len(clientLog[c]))
```

 $HaveUnmergedChangesOrAreConsistent \triangleq$ $\vee \exists c \in Client :$

 $Unmerged(c) \neq Pair(\langle \rangle, \langle \rangle)$

 $\vee \forall c1, c2 \in Client:$

clientState[c1] = clientState[c2]