```
(***********************************************************************
--algorithm OneBitProtocol {
    variable x \in [{0,1} -> BOOLEAN] ;
    process (P \in {0,1})
      { r: while (TRUE)
             {     either  with (v \in BOOLEAN) { x[self] := v;
                                                  goto r
                                                }
                     or    skip;
             e1:  x[self] := TRUE;
             e2:  if (~x[1-self]) { cs: skip };
             }
      }
  }
 ***********************************************************************)
```