

MODULE <i>crackers1</i>
<p>CONSTANTS <i>Things, People</i></p> <p>VARIABLES <i>desires</i></p> <p>$Init \triangleq desires = [p \in People \mapsto \{\}]$</p> <p>$Desire \triangleq \exists p \in People :$ $\quad \wedge desires[p] = \{\}$ $\quad \wedge \exists t \in Things :$ $\quad \quad \wedge desires' = [desires \text{ EXCEPT } ![p] = \{t\}]$</p> <p>$Next \triangleq Desire$</p>
<p>$Spec \triangleq Init \wedge \Box [Next]_{\langle desires \rangle}$</p>