

## ss-atoms-distinct<sup>11,40</sup>

$\forall es:ES, i:Id, L:(Id \text{Lnk List}), T:(Id \rightarrow \text{Type}).$

$es\text{-secret-server}\{\text{table:ut2}, \text{encrypt:ut2}, \text{decrypt:ut2}\}$   
 $(es; T; L; i)$

$\Rightarrow \forall e_1 @ i.$

$\forall e_2 @ i.$

$\forall n:\{0..\|\text{"table"} \text{ when } e_1\| - \}, m:\{0..\|\text{"table"} \text{ when } e_2\| - \}.$

$(\text{st-atom}(\text{"table"} \text{ when } e_1; n) = \text{st-atom}(\text{"table"} \text{ when } e_2; m) \in \text{Atom1}) \Rightarrow (n = m \in \mathbb{Z})$