

Testing Indentation

Example 1 : Simple quantifier

$$\frac{\text{policy} : \mathbb{P}_1 \text{ RESOURCE} \longrightarrow \text{RESOURCE}}{\forall S : \mathbb{P}_1 \text{ RESOURCE} \bullet \\ \text{policy}(S) \in S}$$

Example 2 : Quantifier with multiple lines

$$\frac{\text{policy} : \mathbb{P}_1 \text{ RESOURCE} \longrightarrow \text{RESOURCE}}{\forall S : \mathbb{P}_1 \text{ RESOURCE} \bullet \\ \text{policy}(S) \in S \wedge \\ (S \subseteq \text{RESOURCE})}$$

Example 3 : Nested quantifiers

$$\frac{\text{relation} : \text{PERSON} \leftrightarrow \text{PERSON}}{\forall x : \text{PERSON} \bullet \\ \exists y : \text{PERSON} \bullet \\ (x, y) \in \text{relation}}$$