

Testing Indentation

Example 1 : Simple quantifier

$$\begin{array}{l} \textit{policy} : \mathbb{P}_1 \textit{RESOURCE} \rightarrow \textit{RESOURCE} \\ \hline \forall S : \mathbb{P}_1 \textit{RESOURCE} \bullet \\ \quad \textit{policy}(S) \in S \end{array}$$

Example 2 : Quantifier with multiple lines

$$\begin{array}{l} \textit{policy} : \mathbb{P}_1 \textit{RESOURCE} \rightarrow \textit{RESOURCE} \\ \hline \forall S : \mathbb{P}_1 \textit{RESOURCE} \bullet \\ \quad (\textit{policy}(S) \in S) \wedge \\ \quad (S \subseteq \textit{RESOURCE}) \end{array}$$

Example 3 : Nested quantifiers

$$\begin{array}{l} \textit{relation} : \textit{PERSON} \leftrightarrow \textit{PERSON} \\ \hline \forall x : \textit{PERSON} \bullet \\ \quad \exists y : \textit{PERSON} \bullet \\ \quad (x, y) \in \textit{relation} \end{array}$$