

Phase 17 : Proper Examples (not TEXT blocks)

Example : Semicolon bindings in axdef

$$\boxed{\forall x: N \bullet \forall y: N \bullet x + y > 0}$$

Example : Real usage from Solution 40

$$\boxed{cumulative_{total} : \text{seq } Title * Length * Viewed \rightarrow N}$$

$$\boxed{cumulative_{total}(\langle \rangle) = 0 \quad \forall x: Title * Length * Viewed \bullet \forall s: \text{seq } Title * Length * Viewed \bullet cumulative_{total}(x, s) = cumulative_{total}(s) + \text{length}(x) * \text{Viewed}(x)}$$

Example : Simpler nested quantifier

$$\boxed{\forall r: R \bullet \forall i: \text{dom } r \bullet i > 0}$$