

Syntax

$$\tilde{s} \in \tilde{S}_{\text{TMT}}$$

$$\tilde{\phi} \in \tilde{\text{FORMULA}}$$

Program State

$$\tilde{\pi} \in \tilde{\text{PROGRAMSTATE}}$$

Semantics

$$\text{Static} \quad \tilde{\vdash} \{ \tilde{\phi} \} \tilde{s} \{ \tilde{\phi} \}$$

$$\text{Dynamic} \quad \tilde{\pi} \longrightarrow \tilde{\pi}$$

$$\text{Formula} \quad \tilde{\pi} \tilde{\models} \tilde{\phi}$$

Soundness