

🔗 github.com/ultimate-pa/ultimate

trace τ	state assertions for τ	interpolating trace $\tau^\#$	state assertions for $\tau^\#$
	φ_0 true		φ_0 true
st_1 b:=a		b:=a	
	φ_1 a = b		φ_1 a = b
st_2 x:=0		havoc x	
	φ_2 a = b \wedge x = 0		φ_2 a = b
st_3 havoc p		havoc p	
	φ_3 a = b \wedge x = 0		φ_3 a = b
st_4 !a[p]		!a[p]	
	φ_4 a = b \wedge x = 0 \wedge a[p] = false		φ_4 a = b \wedge a[p] = false
st_5 a[p]:=true		a[p]:=true	
	φ_5 a = b[p := true] \wedge x = 0 \wedge a[p] = true		φ_5 a = b[p := true] \wedge a[p] = true
st_6 x:=x+1		havoc x	
	φ_6 a = b[p := true] \wedge x = 1 \wedge a[p] = true		φ_6 a = b[p := true] \wedge a[p] = true
st_7 a[p]:=false		a[p]:=false	
	φ_7 a = b \wedge x = 1 \wedge a[p] = false		φ_7 a = b \wedge a[p] = false
st_8 a!=b		a!=b	
	φ_8 false		φ_8 false