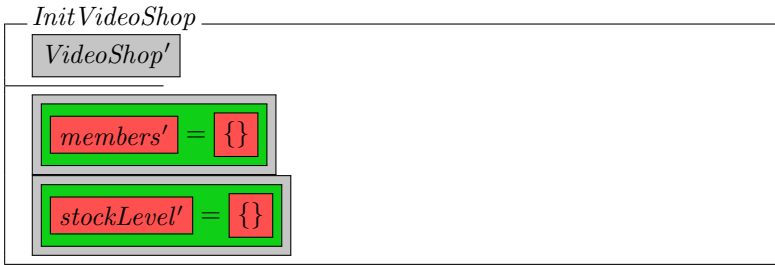
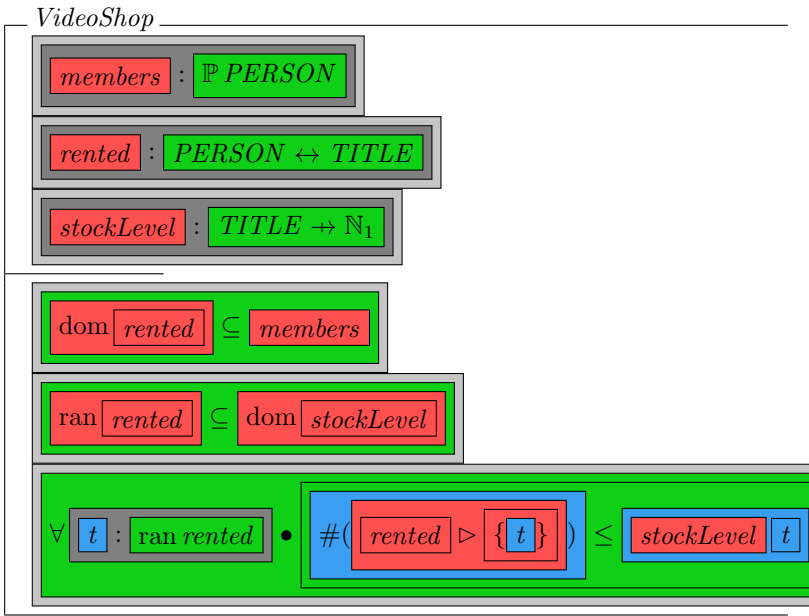


$PERSON$

$TITLE$



*RentVideo*

$\Delta \text{VideoShop}$

$p? : \text{PERSON}$

$t? : \text{TITLE}$

$p? \in \text{members}$

$t? \in \text{dom } \text{stockLevel}$

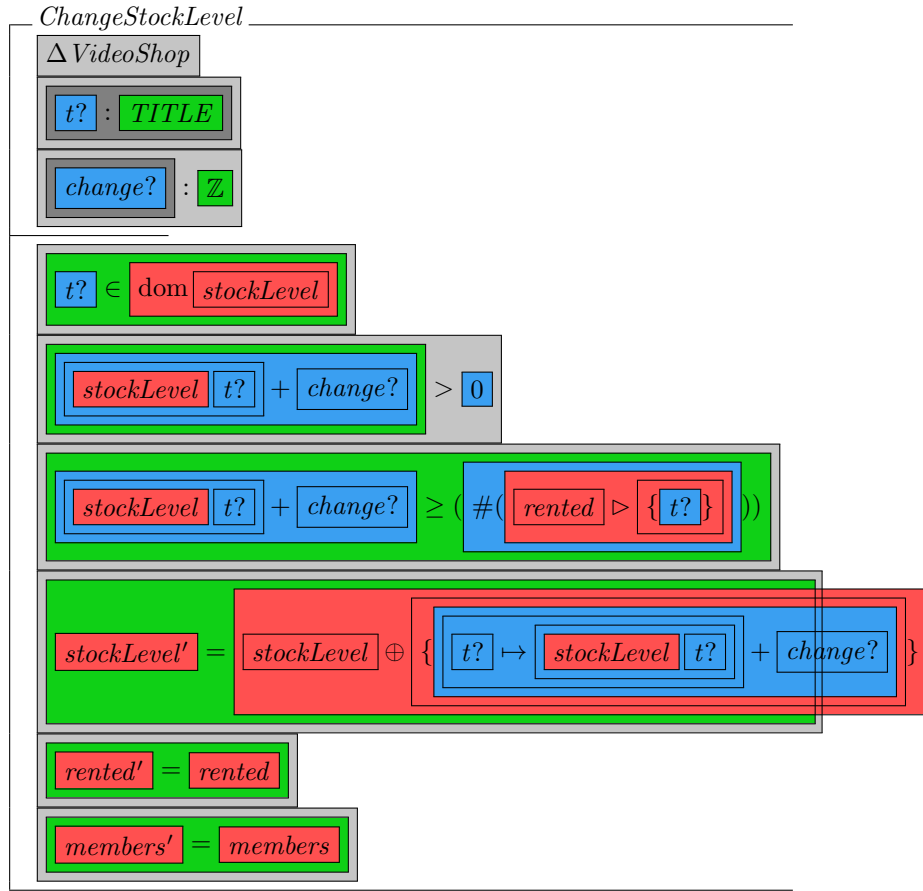
$\text{stockLevel } t? > \#( \text{rented} \triangleright \{ t? \} )$

$p? \mapsto t? \notin \text{rented}$

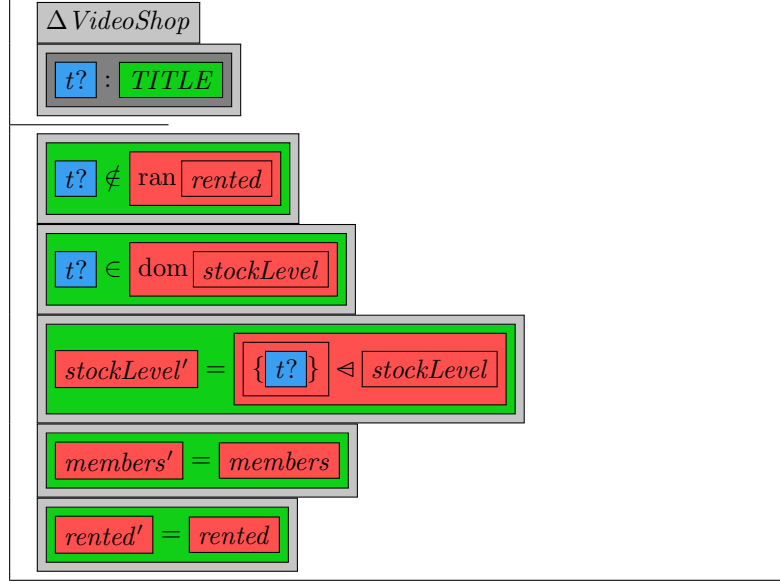
$\text{rented}' = \text{rented} \cup \{ p? \mapsto t? \}$

$\text{stockLevel}' = \text{stockLevel}$

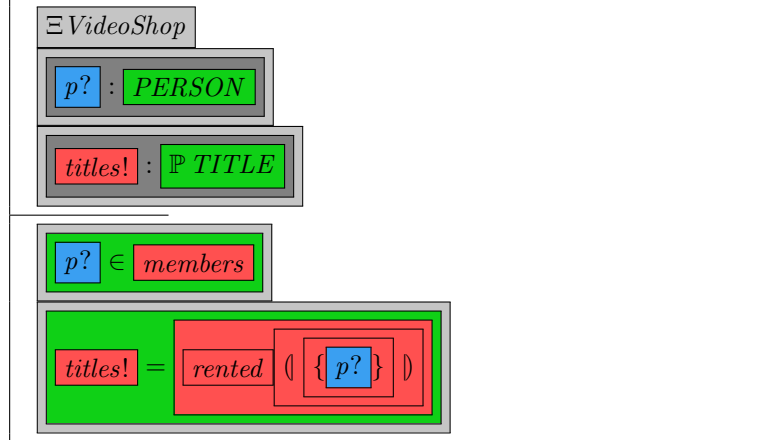
$\text{members}' = \text{members}$

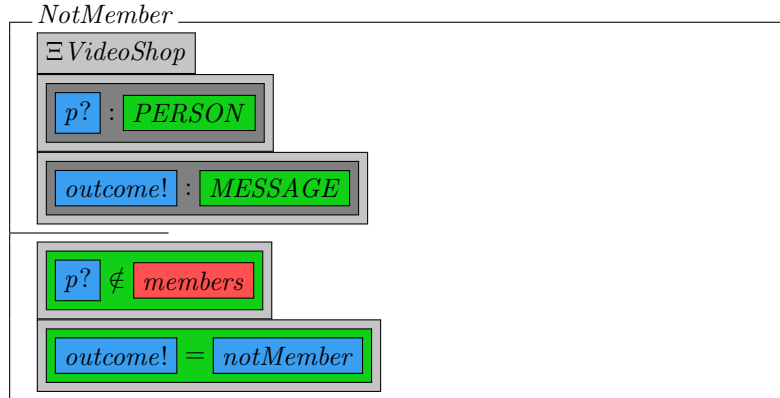
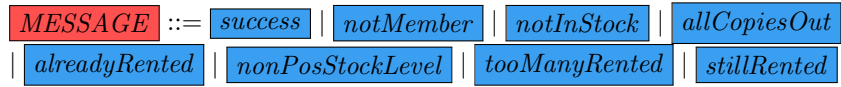
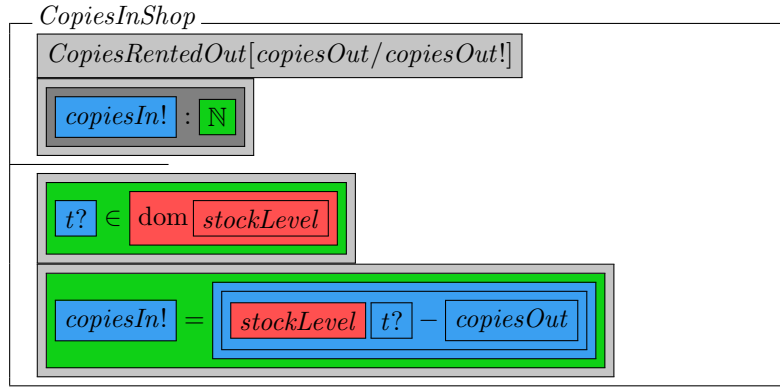
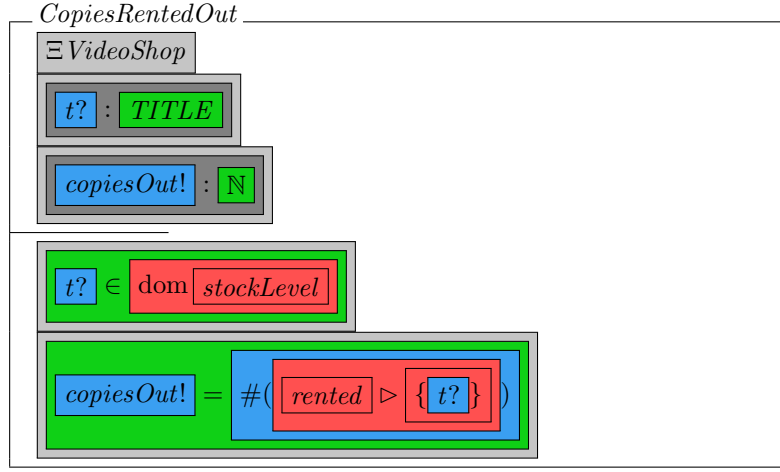


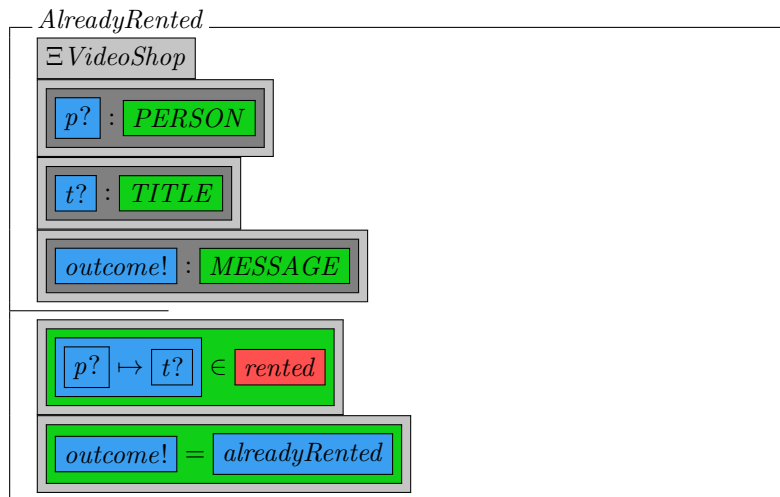
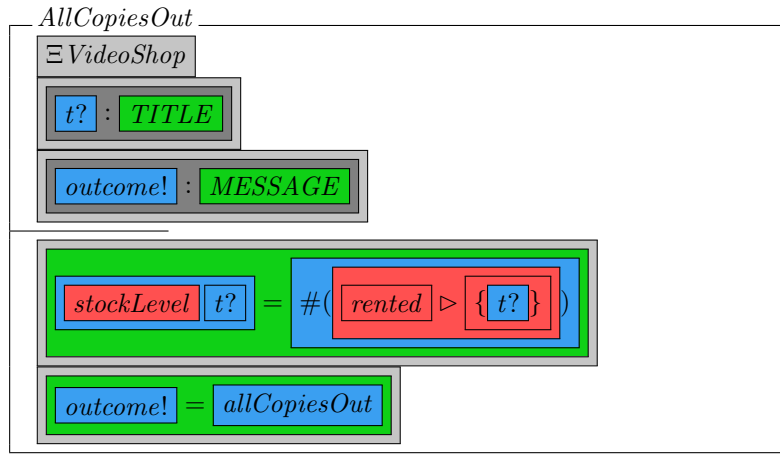
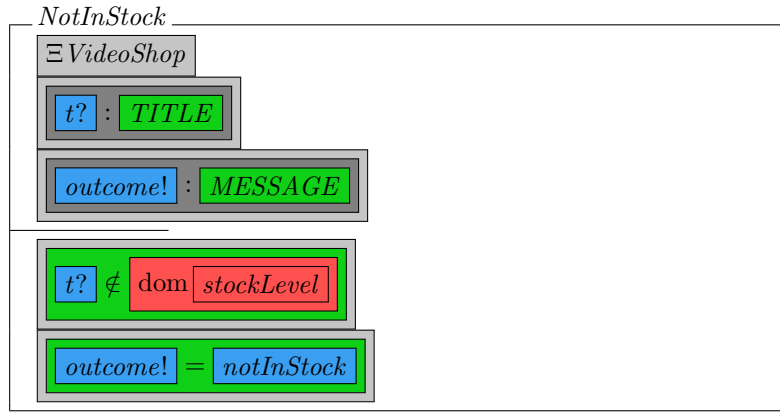
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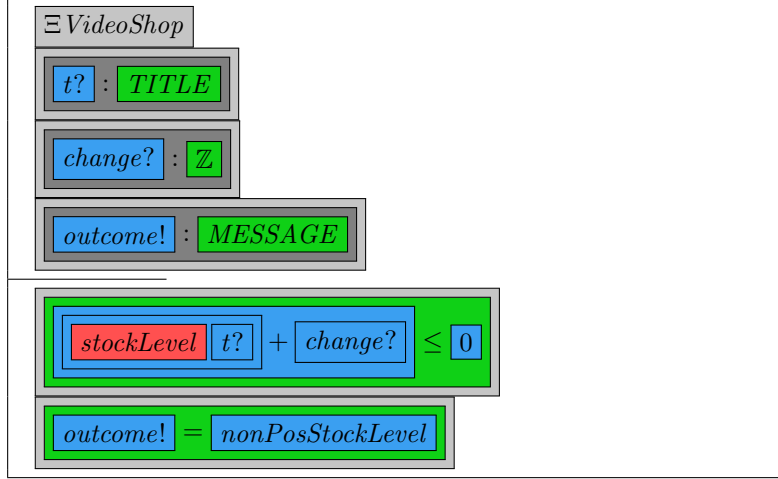
*TitlesOut*







*NonPosStockLevel*



*TooManyRented*

