

Puzzle PUZZLE

PUZZle

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Puzzle

module sets

Sig X $\{ \}$

Sig Set {elts: set X}

assert A $\{ \text{all } a, b: \text{Set} \mid \text{some } c: \text{Set} \mid$
 $c.\text{elts} = a.\text{elts} + b.\text{elts} \}$

check A

fact $\{ \text{all } s: \text{Set}, e: X \mid$
 $\text{some } s': \text{Set} \mid s'.\text{elts}$
 $= s.\text{elts} + e \}$

Alloy Alloy

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