Compositionality in Verification
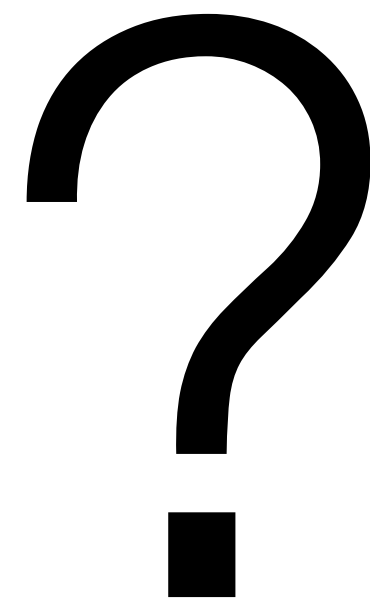
API between **data structure** and **SMR impl**

➡ give a formal specification **SMR spec**

➡ **SMR spec** states *which&when* addresses are freed

➡ use new class of automata as **SMR spec**

Our Approach

?

Data structure $+$ **SMR impl** $\models$ **Property**