

Pre- and Postconditions

Precondition:

- $\text{known} = \text{dom birthday}$
- $\text{name?} \notin \text{known}$

Postcondition:

- $\text{birthday}' = \text{birthday} \cup \{\text{name?} \rightarrow \text{date?}\}$

Formal verification can be performed based on
Precondition and Postcondition