

# The simplified version:

*AddBirthday*

$\Delta BirthdayBook$

*name?* : *NAME*

*date?* : *DATE*

*name?*  $\notin$  *known*

$birthday' = birthday \cup \{name? \mapsto date?\}$

$\Delta$  is implicitly used to:

- Include SchemaName and SchemaName'
- Signal to the reader that this modifies the state

A modifying operation describes the relationship of two states, one before and one after the operation