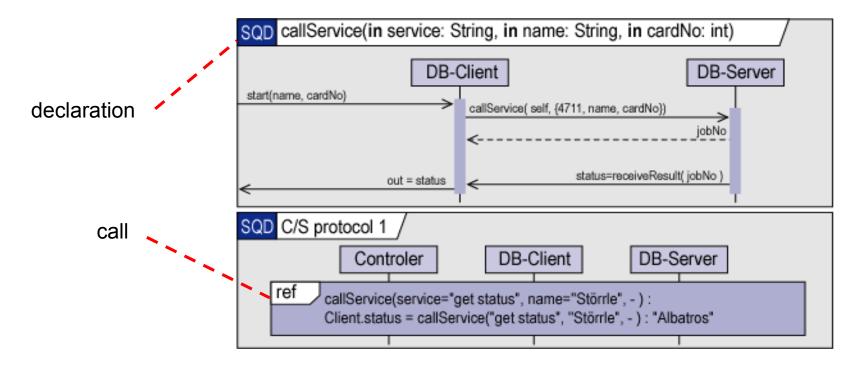
Interaction operator ref & parameters

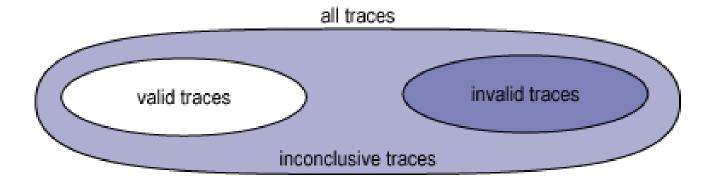
- ref
 - refers to a fragment defined elsewhere (macro-expansion)
 - Formal and actual parameters (bindings) are declared in the diagram head.



Signals to the containing classifier appear as arrows form the diagram border.

Interaction operators: negation

- The semantics of neg and assert is unclear.
- In contrast to that the other operators, they refer not just to the positive traces, but to invalid and inconclusive traces as well.



neg

- declare all valid traces as invalid
- inconclusive traces: unknown

assert

remove uncertainty by declaring all inconclusive traces as invalid

Wrap up

- Complex interactions like high-level MSCs added.
- New diagram types:
 - timing diagrams (like oscilloscope), and
 - interaction overview (similar to restricted activity diagram)
 - renamed collaboration diagram to communication diagram
- Completely new metamodel.
- Almost formal three-valued semantics of valid, invalid and inconclusive interleaving traces of events.
- Some semantical problems are yet to be solved.