

NSOV-5 Service Behaviour Definition

Description

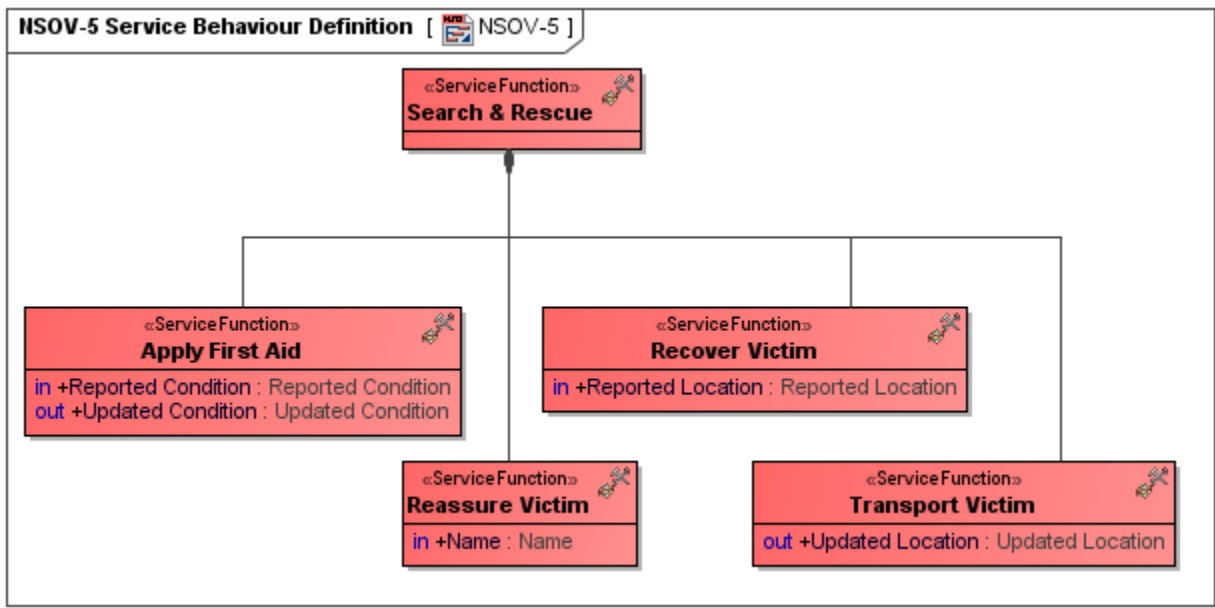
This view enables the description of a service by means of a state-diagram, an activity model or by an event-trace description. In order to fully define the sequencing of messages and operations that form part of the service interface, event-trace descriptions are useful. In order to fully define the handling that takes place in a service due to possible different internal states, a state description is also useful. For all of these descriptions standard UML entities provide the best means of representation.

Implementation

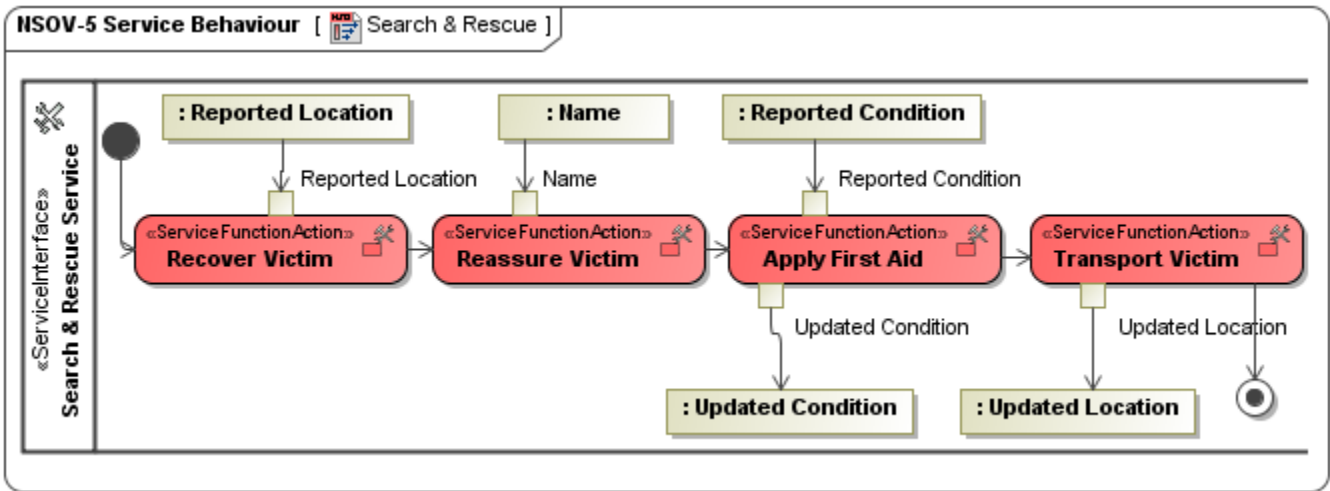
NSOV-5 can be represented using:

- NSOV-5 diagram for the Operational Activity flows. This diagram is based on the UML Activity diagram.
- NSOV-5 diagram based on the UML Clas diagram.
- UML Activity diagram.
- SysML Activity diagram.
- UML Class diagram.

Sample



Service Behaviour Definition



Fragment of NSOV-5 Service Behaviour

Related views

An NSOV-5 is the key behavioral specification for services. It is equivalent in nature to the NOV-5 and NSV-4. It specifies a set of functions that a service implementation is expected to perform.

An NSOV-5 specifies the required functionality that an implementation of a service is expected to have – the implementation is represented in the NSV-1 and NSV-4.

Related elements

- [Service Function](#)
- [Service Function Action](#)
- [Function Edge](#)
- [Service Method](#)
- [Service Parameter](#)
- [Service Interface](#)

Related procedures

- [Creating NSOV-5 Service Behaviour Definition diagram](#)
- [Creating NSOV-5 Service Behaviour diagram](#)
- [Creating Process Flow Diagrams From Compositions or Aggregations Defined in Process Diagrams](#)