

NOV-5 Operational Activity Model

Description

The NATO Operational Activity Model describes the operations that are normally conducted in the course of achieving a mission or a business goal, from a net-centric perspective. It describes capabilities, operational activities (or tasks), input and output (I/O) flows between activities, and I/O flows to/from activities that are outside the scope of the architecture. It is imperative that the levels-of-detail between the NOV-2, NOV-3, and NOV-5 remain cohesive. For example, if one diagram of NOV-2 operational nodes is developed that shows aggregated organizations only, then it is imperative that the corresponding NOV-5 product be developed to show only those operational activities that are meaningful with respect to these operational nodes. Similarly, the information exchanges of NOV-3 should remain at a high level of aggregation to represent actual information workflow products that are used at the operational nodes depicted in NOV-2 (and not their subordinate operational nodes). The net-centric NOV-5 may be used in the following ways:

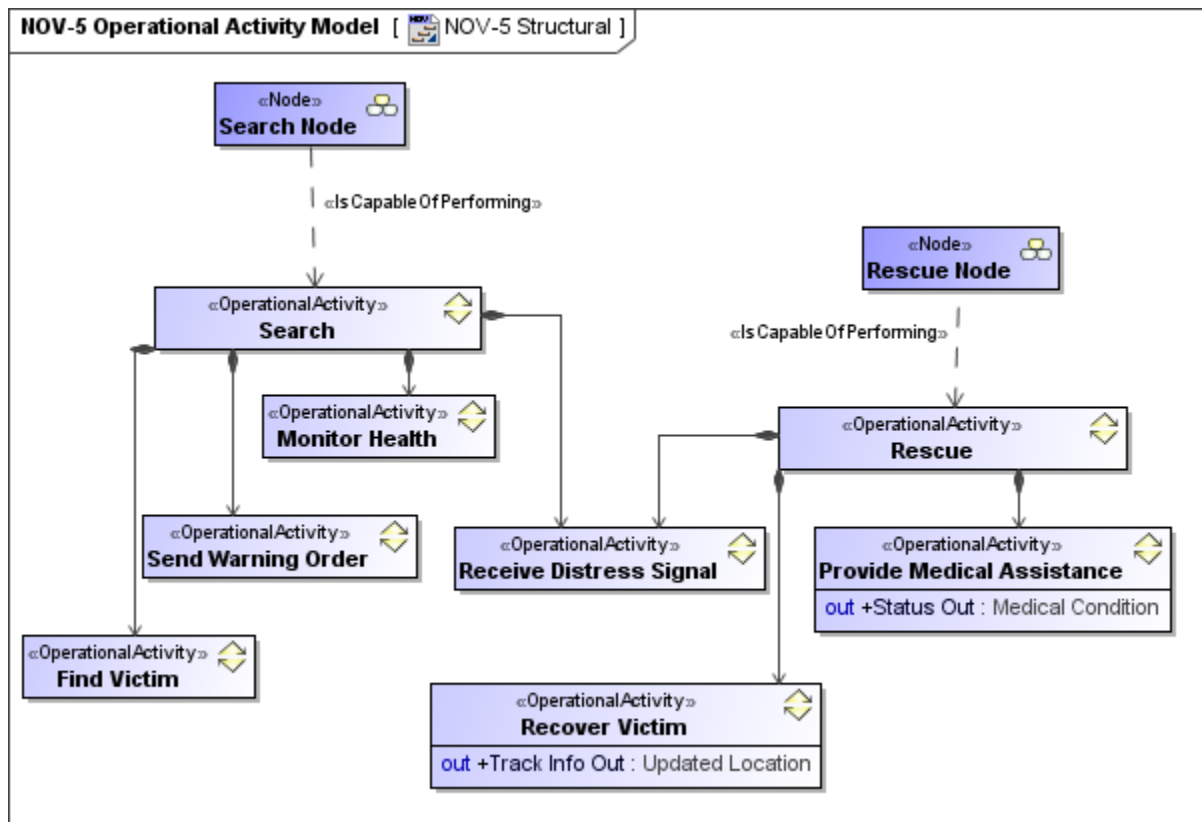
- Delineate lines of dependency on external activities when coupled with an NOV-2.
- Highlight information flows to depict the status of the information's refinement (raw, preprocessed, fused, etc.).
- Provide the critical foundation for depicting Task, Post, Process, and Use (TPPU) activity sequencing and timing in the NOV-6a, NOV-6b, and NOV-6c.
- Identify critical mission threads and operational information exchanges by annotating which activities are critical, for example, identify the activities in the model that are critical.

Implementation

NOV-5 can be represented using:

- NOV-5 diagram for Operational Activity hierarchies. This diagram is based on the UML Class diagram.
- NOV-5 diagram for Operational Activity flows. This diagram is based on the UML Activity diagram.
- UML Class diagram.
- UML Activity diagram.
- SysML Block diagram.
- SysML Activity diagram.

Sample



NOV-5 Operational Activity hierarchy Model

NOV-5 Operational Activity Model

- [Operational Activity](#)
- [Operational Parameter](#)
- [Standard Operational Activity](#)
- [Operational Performer](#)
- [Is Capable To Perform](#)
- [Operational Activity Action](#)
- [Operational Activity Edge](#)
- [Operational Exchange](#)
- [Information Element](#)
- [Natural Resource](#)

Related procedures

- [Creating NOV-5 Operational Activity Model diagram](#)
- [Creating NOV-5 Operational Activity Flow Model diagram](#)
- [Displaying possible Operational Exchanges on selected Operational Activity Edge](#)
- [Creating Process Flow Diagrams From Compositions or Aggregations Defined in Process Diagrams](#)