Operational Process Viewpoint

Domain	Aspect	Maturity
Operational	Process & Behavior	✅ released

Example

Purpose

The Operational Process Viewpoint describes the Operational Process Activities related to a specific Operational Story, the sequence of execution and/or their operational exchange. The assignment of Operational Process Activities to Operational Performers is captured.

Applicability

The Operational Process Viewpoint supports the "Business or Mission Analysis Process" and the "Stakeholder Needs and Requirements Definition Process" activities of the INCOSE SYSTEMS ENGINEERING HANDBOOK 2015 [§ 4.1, § 4.2] and contributes to the definition of operational scenario(s).

Stakeholder

Concern

- What operational process activitys shall be executed during the execution of an operational story?
- Which operational activity shall be executed by which operational performer in the operational story?

Presentation

The Operational Process related to an Operational Story is represented in an activity diagram showing the ordered execution of Operational Process Activities. Operational Process Activities may be linked in terms of control flow and/or data flow visualizing Operational Exchange needed. Note: Operational Process Activities are assigned to Operational Roles and therefore in a more general manner to the Operational Performers.

Profile Model Reference

- Allocate [SysML Profile]
- ControlFlow [UML_Standard_Profile]
- InputPin [UML_Standard_Profile]
- ObjectFlow [UML_Standard_Profile]
- OutputPin [UML_Standard_Profile]
- SAF_OperationalPerformer
- SAF_OperationalProcess
- SAF_OperationalProcessAction
- SAF_OperationalRole
- SAF_SOV03a_View

Input from other Viewpoints

Required Viewpoints

none

Recommended Viewpoints

- Operational Context Definition Viewpoint
- Operational Domain Item Kind Viewpoint