SAF User Documentation : Operational Interaction Viewpoint

Domain	Aspect	Maturity
Operational	Interaction & Collaboration	⚠️ under construction

Example

none

Purpose

The Operational Interaction Viewpoint defines single threads of interaction between roles of Operational Performers in an Operational Context on operational level. The Operational Interaction Viewpoint refines an Operational Story.

Applicability

The Operational Interaction 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 possible threads of operational process activities have to be carried out to achieve the operational story main and alternative goals?
- What validation scenarios have to be carried out to check on the solution validity?

Presentation

The Operational Interaction shows in a sequence diagram the flow of control or data (Operational Exchange) between Operational Roles of an Operational Context to achieve one outcome of an Operational Story. This diagram represents the sending and receiving of messages or data between the Operational Roles along with the executed Operational Activities.

Profile Model Reference

- Interaction [UML_Standard_Profile]
- Lifeline [UML_Standard_Profile]
- Message [UML_Standard_Profile]
- SAF_OperationalRole
- SAF_SOV04a_View

Input from other Viewpoints

Required Viewpoints

- Operational Context Definition Viewpoint

Recommended Viewpoints

none