


SAF User Documentation : C2_GRID Grid Definition Viewpoint

Domain	Aspect	Maturity
Common	Taxonomy & Structure	 under construction

Example

	CONTEXT & EXCHANGE	TAXONOMY & STRUCTURE	PROCESS & BEHAVIOR	INTERACTION & COLLABORATION	INTERFACE	REQUIREMENT	SAFETY & SECURITY	TRACEABILITY & MAPPING
COMMON DOMAIN SCV		Common Structure FFOS Safety Assurance Definition SAF FFOS View Grid Rendering Framework FFOS Strategy Table						
OPERATIONAL DOMAIN SOV	Operational Context & Exchange Operational Overlaid Story FFOS Context Definition FFOS Context Exchange	Operational Structure Operational Structure Item Definition Operational Pathway Definition SAF and FFOS EDR Capability Definition Mission Identification Exchange	Operational Process Mission and Sensor Process Fire Detection and Identification Process	Operational Interaction FFOS Context Interaction	Operational Interface Definition FFOS Context Interface Definition	Stakeholder Requirement Stakeholder Requirement Table System Requirement Definition System Requirement Definition		Traceability & Mapping SAF and FFOS Capability Mapping Table SAF and FFOS Operational Process Mapping Table SAF and FFOS Operational Process Mapping Table
FUNCTIONAL DOMAIN SFV	System Context & Exchange FFOS User Data and SA/CS Data System FFOS Context Definition FFOS Context Exchange	System Structure FFOS System Structure Item Definition FFOS Capability Definition FFOS Functional Structure Definition FFOS Functional Structure Definition	System Process Fire Detection and Identification Operational Process Table FFOS Context Interaction	System Interaction FFOS Context Interaction	System Interface Definition FFOS Context Interface Definition	System Requirement System Requirement Table System Requirement Definition System Requirement Definition	System Hazard System Hazard Table	Traceability & Mapping FFOS Operational Process Mapping Table System Requirement Mapping Table
LOGICAL DOMAIN SLV	Logical Context & Exchange	Logical Structure FFOS Logical Architecture Definition	Logical Behavior FFOS Logical Behavior Definition	Logical Interaction & Internal Exchange FFOS Logical Interaction FFOS Logical Internal Exchange	Logical Interface Definition FFOS Logical Interface Definition			Mapping Mapping of FFOS to Logical Structure Mapping of FFOS to Logical Structure
PHYSICAL DOMAIN SPV	Physical Context & Exchange FFOS Physical System Context FFOS Physical System Context	Physical Structure FFOS Physical Structure Item Definition FFOS Physical Structure Item Definition	Physical Behavior FFOS Physical Behavior Definition	Physical Interaction & Internal Exchange FFOS Physical Interaction FFOS Physical Internal Exchange	Physical Interface Definition FFOS Physical Interface Definition FFOS Physical Interface Definition			Mapping Physical System Mapping Physical System Mapping
#	Domain	Aspect	Name		Viewpoint ID	Diagrams		

Purpose

The Grid Definition Viewpoint serves as overview about the of the Views present in a System Model.

Applicability

The Grid Definition Viewpoint supports the "System Viewpoints, Views and Models" input/output of various Technical Processes in INCOSE SYSTEMS ENGINEERING HANDBOOK 2023.

Presentation

A content diagram featuring a matrix view for the SAF Viewpoint conceptual model: Rows represent Domains, and columns represent Aspects, and the cells manage the Views.

A table featuring the saf viewpoints, the views (diagrams, tables, ..) of the system model conforming to those viewpoints, domain and aspect information

Stakeholder

- [SAF System model user](#)

Concern

- [Which viewpoints are used in the system model](#)
- [Which views of the frameworks viewpoints are present in the system model?](#)

Profile Model Reference

The following Stereotypes / Model Elements are used in the Viewpoint:

- Attribute "diagrams" of SAF_Viewpoint referencing SAF_Diagram
- [SAF_C2_GRID](#)
- [SAF_C2_GRID_Table](#)
- [SAF_Diagram](#)
- [SAF_Viewpoint](#)

Input from other Viewpoints

Required Viewpoints

none

Recommended Viewpoints

none