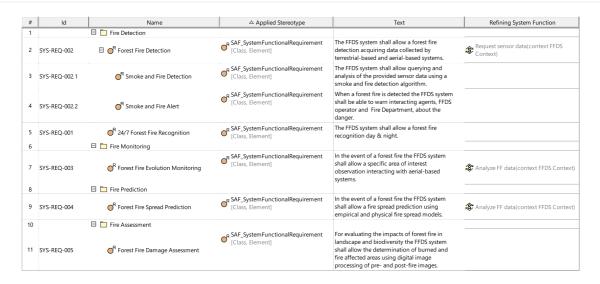


System Requirement Traceability Viewpoint

Domain	Aspect	Maturity
Functional	Mapping & Crossreference	released

Example



Purpose

The System Requirement Traceability Viewpoint specifies for every System Requirement the traceability to functional domain level

- System Story
- · System Context Definition
- System Context Exchange
- System Process
- System Context Interaction

Applicability

The System Requirement Traceability Viewpoint supports the "System Requirements Definition Process" activities of the INCOSE SYSTEMS ENGINEERING HANDBOOK 2015 [§4.3] and contributes to the System

Requirements Traceability. The System Requirement Traceability Viewpoint contributes to System Requirements Verification and Traceability Matrix (RVTM).

Stakeholder

Project Manager

Concern

- · What is the rationale for this system requirement?
- Which Stakeholder Requirements are addressed by System Requirements?
- · Which system interface is addressed by a system requirement?

Presentation

A System Requirement Dependency Matrix featuring relationships from every SOI System Requirements to modeling elements such as

- System Story
- · System Context Definition
- · System Context Exchange
- System Functional Scenario
- System Context Interaction Referring to a Stakeholder Requirement the dependency relation is <>,
 otherwise <>.

Profile Model Reference

- SAF SFV08a View
- SAF_SystemFunctionalRequirement
- SAF_SystemFunctionalRequirementConstraint
- SAF SystemFunctionalRequirementRefinement
- SAF SystemNonFunctionalRequirement
- SAF_SystemRequirement
- SAF_SystemRequirementDerivation
- · SAF SystemRequirementDerivation
- SAF SystemRequirementRefinement
- SAF_SystemRequirementRefinement

Input from other Viewpoints

Required Viewpoints

Stakeholder Requirement Viewpoint

• System Requirement Viewpoint

Recommended Viewpoints

- System Use Case Viewpoint
- System Context Exchange Viewpoint
- System Capability Viewpoint
- System Process Viewpoint
- System State Viewpoint
- System Context Interaction Viewpoint
- System Functional Refinement Viewpoint