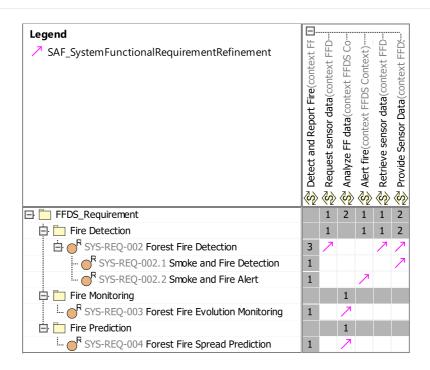


SAF User Documentation: F8_SRQT System Requirement Traceability Viewpoint

Domain	Aspect	Maturity
Functional	Traceability & Mapping	released

Example



Purpose

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

- · System Use Case
- · System Capability
- System Context Definition
- System Context Exchange
- · System Context Interaction
- System Process
- · System State

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 also contributes to the System Requirements Verification and Traceability Matrix (RVTM).

Presentation

A dependency matrix featuring relationships for every System Requirement to the functional domain level

- System Use Case
- · System Capability
- · System Context Definition
- System Context Exchange
- · System Context Interaction
- System Process
- System State

Stakeholder

Project Manager

Concern

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

Profile Model Reference

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

- SAF_F8_SRQT_Matrix
- SAF_SystemFunctionalRequirementConstraint
- SAF_SystemFunctionalRequirementRefinement
- SAF SystemFunctionalRequirement
- SAF_SystemNonFunctionalRequirement
- SAF_SystemRequirementDerivation
- SAF_SystemRequirementRefinement
- SAF SystemRequirement

Input from other Viewpoints

Required Viewpoints

- Stakeholder Requirement Definition Viewpoint
- System Requirement Definition Viewpoint

Recommended Viewpoints

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