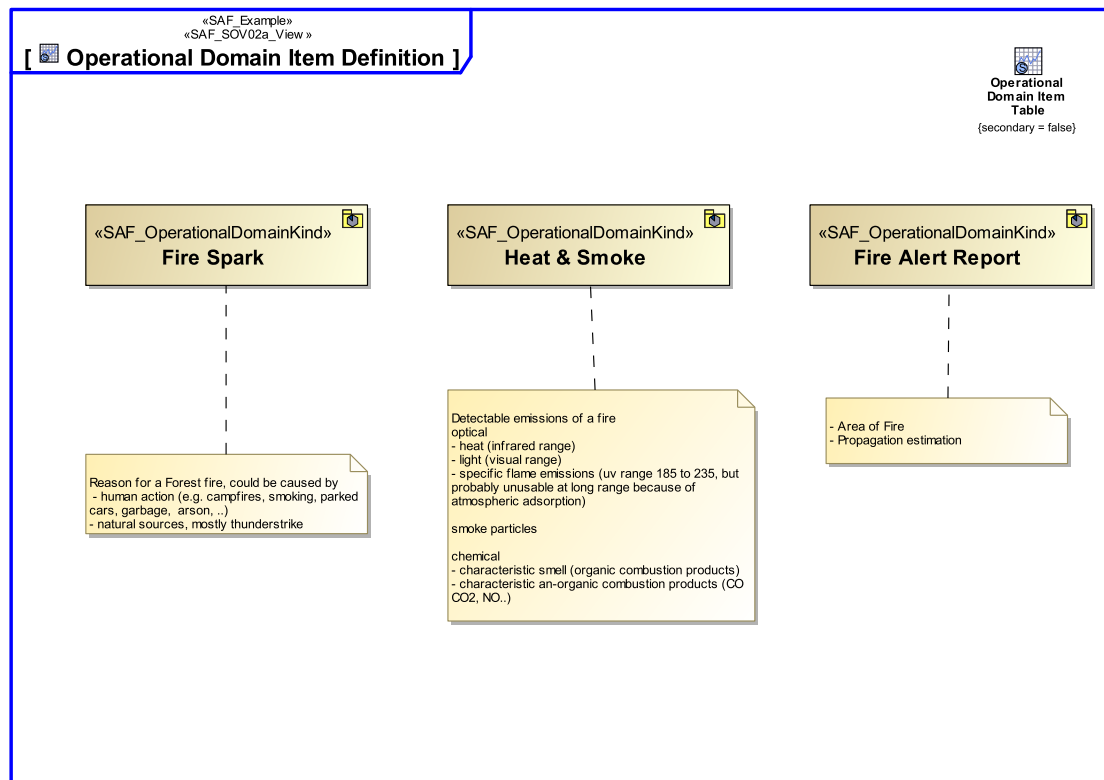





SAF User Documentation : Operational Domain Item Kind Viewpoint

Domain	Aspect	Maturity
Operational	Taxonomy & Structure	 released

Example



#	Name	Documentation
1	 Fire Alert Report	<ul style="list-style-type: none"> - Area of Fire - Propagation estimation
2	 Heat & Smoke	Detectable emissions of a fire optical <ul style="list-style-type: none"> - heat (infrared range) - light (visual range) - specific flame emissions (uv range 185 to 235, but probably unusable at long range because of atmospheric adsorption) smoke particles chemical <ul style="list-style-type: none"> - characteristic smell (organic combustion products) - characteristic an-organic combustion products (CO CO2, NO..)
3	 Fire Spark	Reason for a Forest fire, could be caused by <ul style="list-style-type: none"> - human action (e.g. campfires, smoking, parked cars, garbage, arson, ..) - natural sources, mostly thunderstrike

Purpose

The Operational Domain Item Kind Viewpoint captures enterprise wide concepts and collects type definitions for any exchanged item of the Operational Domain. Its purpose is to define these item types and their relationships.

Applicability

The Operational Domain Item Kind Viewpoint supports the "Business or Mission Analysis Process" activities of the INCOSE SYSTEMS ENGINEERING HANDBOOK 2015 [§ 4.1] and contributes to the problem or opportunity statement.

Presentation

A block definition diagram (BDD) featuring Operational Domain Item Kinds and their relationships.

A Table featuring Operational Domain Item Kinds, their relationships and their Documentation

Stakeholder

- [Acquirer](#)
- [Customer](#)
- [Regulation Authority](#)
- [Security Expert](#)
- [Software Developer](#)
- [System Architect](#)

Concern

- [Why types of exchange can exist between Operational Performers \(i.e., flows of information, people, material, or energy\)?](#)

Profile Model Reference

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

- ObjectFlow [UML_Standard_Profile]
- [SAF_OperationalDomainKindComposition](#)
- [SAF_OperationalDomainKind](#)
- [SAF_SOV02a_View](#)

Input from other Viewpoints

Required Viewpoints

none

Recommended Viewpoints

- [Operational Story Viewpoint](#)