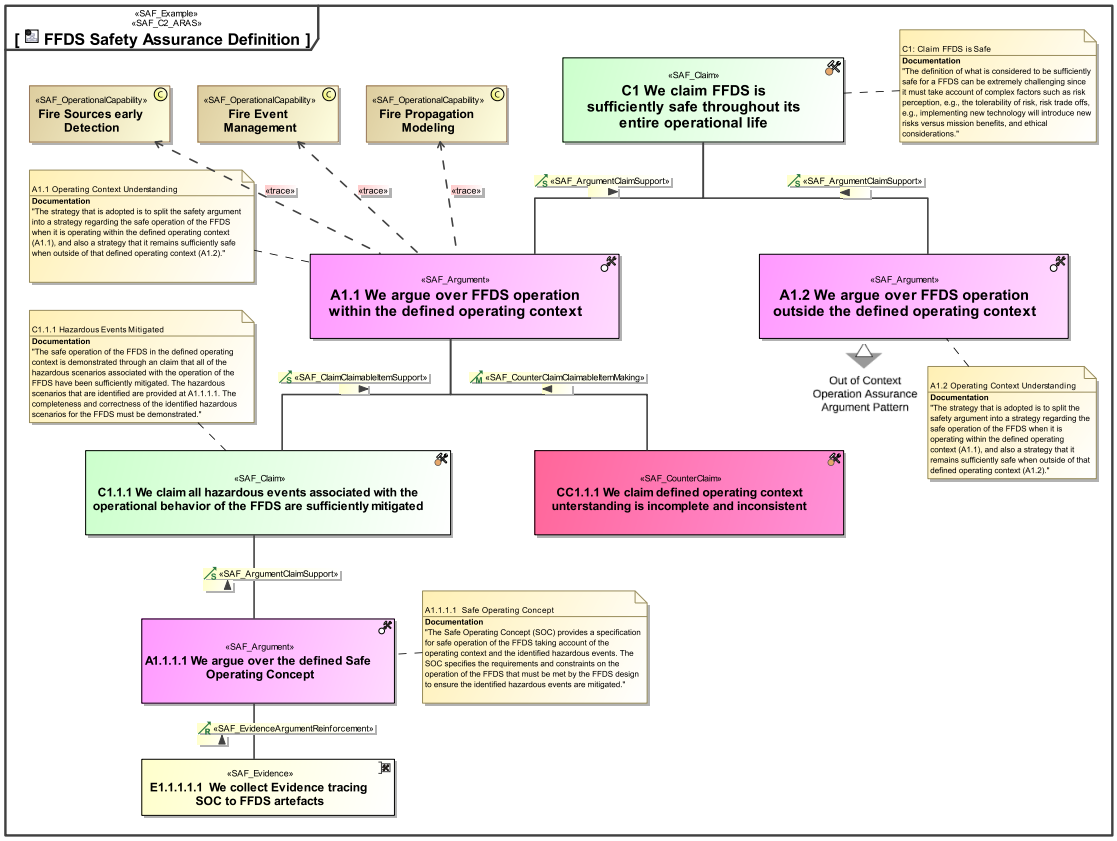
SAF User Documentation : C2_ARAS Argumentation Assurance Viewpoint

Domain	Aspect	Maturity
Common	Taxonomy & Structure	released

Example



Purpose

The Argumentation Assurance Viewpoint presents claims backed up by arguments that are supported by evidence, together with the possibility to counter such claims in a similar manner.

Applicability

The Argumentation Assurance Viewpoint supports the ability to present an evidence pattern, a structure of claims, arguments, and evidence, which is a common need in systems engineering. It applies equally to the establishment of traceability, definition of safety assurance cases, and even the presentation of business cases.

Presentation

A block definition diagram (BDD) featuring a claim-argument-evidence pattern (CAE).

Stakeholder

Concern

- How is a evidence-based claim supported?

Profile Model Reference

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

- SAF_ArgumentClaimSupport
- SAF_Argument
- SAF_C2_ARAS
- SAF_ClaimAboutSubjectMaking
- SAF_ClaimClaimableItemSupport
- SAF_ClaimSubject
- SAF_Claim
- SAF_ClaimantClaimMaking
- SAF_Claimant
- SAF_CounterClaimClaimableItemMaking
- SAF_CounterClaim
- SAF_EvidenceArgumentReinforcement
- SAF_Evidence
- SAF_Refuter

Input from other Viewpoints

Required Viewpoints

none

Recommended Viewpoints

none