SAF User Documentation : C2_CSTD Common Standards Definition Viewpoint

Domain	Aspect	Maturity
Common	Taxonomy & Structure	⚠ proposed

Example
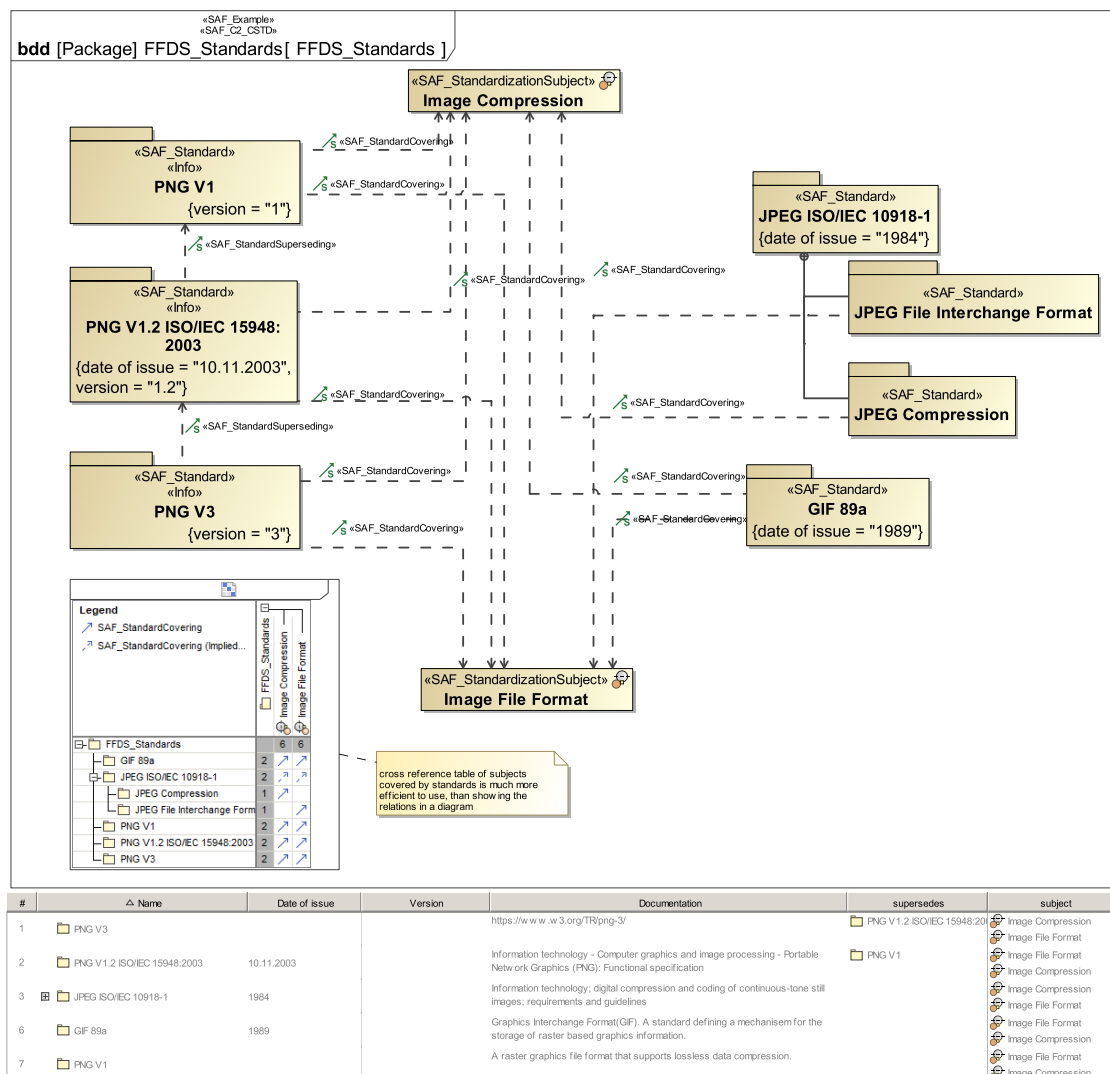
Purpose

The Standards Definition Viewpoint supports the definition of applicable standards, e.g., format and protocol specifications, regulations, and engineering documents that are used throughout the system life cycle. It provides the meta-data for the applied standards, guidance and policy, e.g., issue, version, issue date, and publisher. The Viewpoint helps to keep track of changes to the set of applicable documents and of new versions of applied standards. Links should be used to refer to documents external to the architecture description.

Applicability

The Standards Definition Viewpoint supports the "transform stakeholder needs into stakeholder requirements" activity part of the "Stakeholder Needs and Requirements Definition Process" activities of the INCOSE SYSTEMS ENGINEERING HANDBOOK 2023 [§2.3.5.2].

Presentation

A block definition diagram (BDD) featuring the taxonomy of types of technical, operational, and business standards, guidance, and policy applicable to the system of interest.

A table format listing technical, operational, and business standards, guidance, and policy applicable to the system of interest.

Stakeholder

Concern

- Which are the relevant releases of the applicable standards, guidance, and policy to be used for the development of the system of interest and its system elements?
- Which other standards are referenced or referred to by applicable standards?
- Which standards, guidance, and policy are applicable to the system of interest or its system elements and their interfaces and interactions?

Profile Model Reference

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

- PartProperty [MD_customization_for_SysML]
- SAF_C2_CSTD
- SAF_StandardCovering
- SAF_StandardSuperseding
- SAF_Standard
- SAF_StandardizationOrganization
- SAF_StandardizationSubject

Input from other Viewpoints

Required Viewpoints

none

Recommended Viewpoints

none