

4 Terms and Definitions

For the purposes of this specification, the following terms and definitions apply.

Argument

A body of information presented with the intention to establish one or more claims through the presentation of related supporting claims, evidence, and contextual information.

Assurance Case

A collection of auditable claims, arguments, and evidence created to support the contention that a defined system/service will satisfy its assurance requirements.

Attribute

A feature of a meta-element with a primitive type, such as integer, real, text, boolean, or date.

Claim

A proposition being asserted by the author or utterer that is a true or false statement.

Evidence

Objective artifacts being offered in support of one or more claims.

Evidence Repository

A software service providing access to, and information about, a collection of evidence items, such as records, documents, and other exhibits together with related information that facilitates management of evidence, the interpretation of evidence, and understanding the evidentiary support provided to claims.

Structured argument

A particular kind of argument where the relationships between the asserted claims, and from the evidence to the claims are explicitly represented.

Feature

Super class of attribute and reference.

Reference

A feature of a meta-element whose type is of another meta-element, such as +ParticipantPackage for AssuranceCasePackage

Participant Package

A Participant Package is any Package or Package Interface referenced by a Package Binding.

Package Binding

A Package that has references to at least two Participant Packages and to elements of those Participant Packages and defines the relationships among those elements.

Package Interface

A Package that is used to specify the elements of one Package that are declared “public” and available for use by other Packages.