interface: AssuranceCasePackageInterface [0..*] – a number of optional assurance case package interfaces that the current package may implement

artifactPackage: ArtifactPackage [0..*] (composition) – a number of optional artifact sub-packages
terminologyPackage: TerminologyPackage [0..*] (composition) – a number of optional terminology sub-packages
argumentPackage: Argument::ArgumentPackage[0..*] (composition) – a number of optional argument packages.

Semantics
AssuranceCasePackage is the root class for creating structured assurance cases.

9.3 AssuranceCasePackageInterface
AssuranceCasePackageInterface is a kind of AssuranceCasePackage that defines an interface that may be exchanged between users. An AssuranceCasePackage may declare one or more ArtifactPackageInterfaces.

Superclass
AssuranceCasePackage

Associations


Semantics
AssuranceCasePackageInterface enables the declaration of the elements of an AssuranceCasePackage that might be referred to (cited) in another AssuranceCasePackage. These declarations are provided by containing AssuranceCasePackageInterface(s)/ArgumentPackageInterface(s)/ArtifactPackageInterface(s)/TerminologyPackageInterface(s) to the packages contained by the AssuranceCasePackage (for which the interface provided).

Constraints
AssuranceCasePackageInterface are only allowed to contain the following: AssuranceCasePackageInterface, ArgumentPackageInterfaces, ArtifactPackageInterfaces, and TerminologyPackages.

OCL:

self.assuranceCasePackage->forall(acp|acp.oclIsTypeOf(AssuranceCasePackageInterface)) and
self.argumentPackage->forall(ap|ap.oclIsTypeOf(Argument::ArgumentPackageInterface)) and
self.artifactPackage->forall(ap|ap.oclIsTypeOf(Artifact::ArtifactPackageInterface)) and
self.terminologyPackage->forall(tp|tp.oclIsTypeOf(Terminology::TerminologyPackageInterface))

9.4 AssuranceCasePackageBinding
Sub-packages within the AssuranceCasePackage can be bound together by means of AssuranceCasePackageBindings. AssuranceCasePackageBindings bind the participant packages by means of ArgumentPackageBindings/TerminologyPackageBindings/ArtifactPackageBindings elements that bind the contained packages of the participant packages.

Superclass
AssuranceCasePackage

Associations

participantPackage:AssuranceCasePackage[2..*] – references to AssuranceCasePackages which the AssuranceCasePackageBinding binds together.