

Requirement

Contract

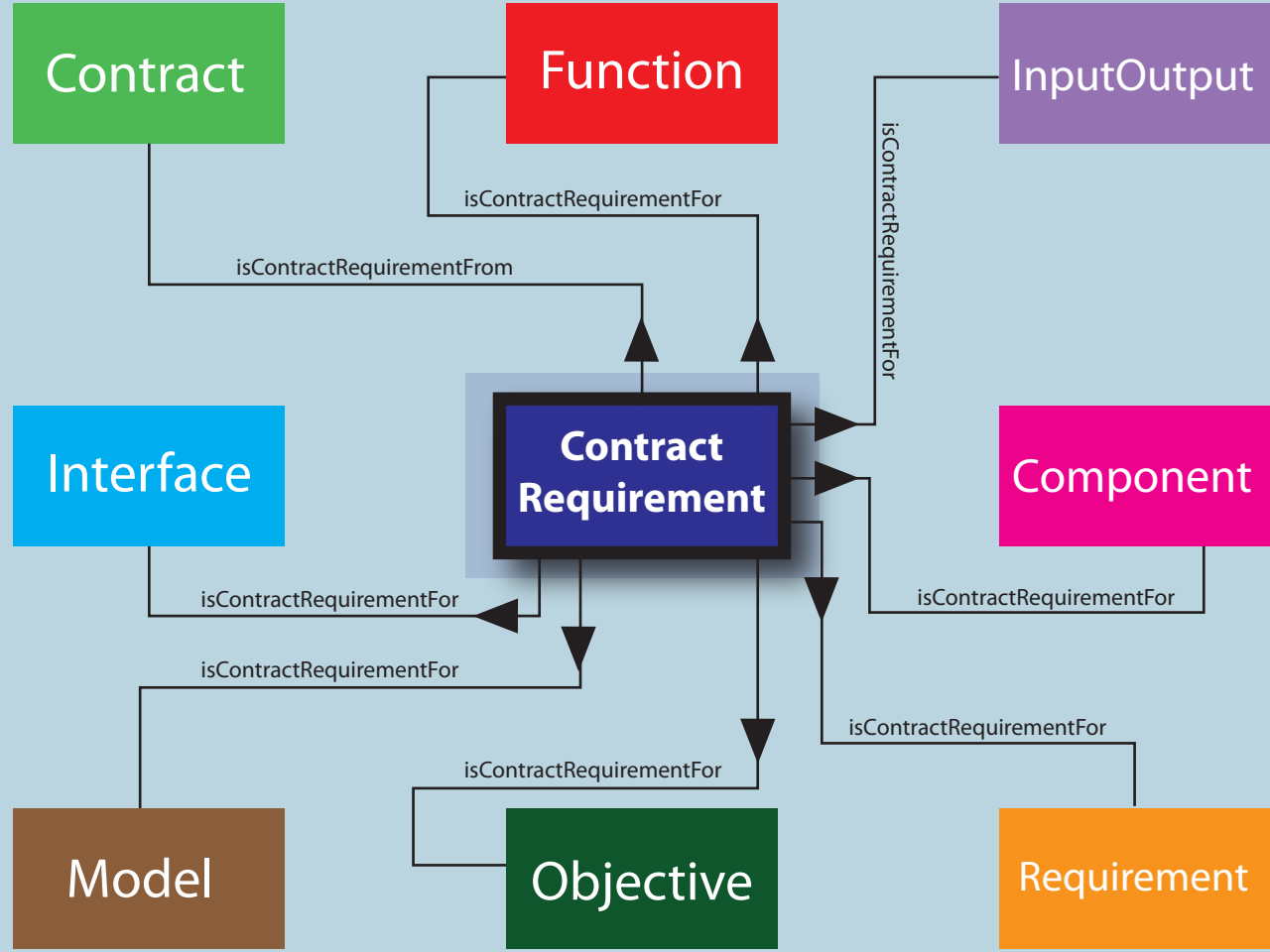
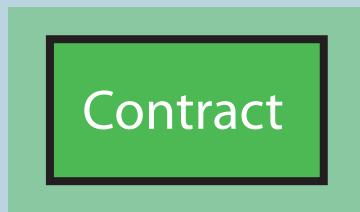
Contract models a contract with a client.

Attribute	Type	Description
id	String256	Unique ID
name	String256	Contract's name
description	String4000	Contract's description
version	String 256	Version of the Contract

ContractRequirement

ContractRequirement models a requirement from a Contract with a client.

Attribute	Type	Description
id	String256	Unique ID
name	String256	Requirement's name
description	String4000	Detailed description
reference	String256	References a requirement from a Contract which this requirement belongs to.
fullCompliance	String3	Does a model comply with the ContractRequirement? (Yes/No)
version	String256	Version of the requirement



Model

Model

Attribute	Type	Description
id	String256	Unique ID
name	String256	Model's name
description	String4000	Detailed description
version	String256	Version of the Model

Component

Attribute	Type	Description
id	String256	Unique ID
name	String256	Component's name
description	String4000	Detailed description
type	String256	Component's type (Internal/External)
value	String256	Document's reference (URI)
version	String256	Version of the Component

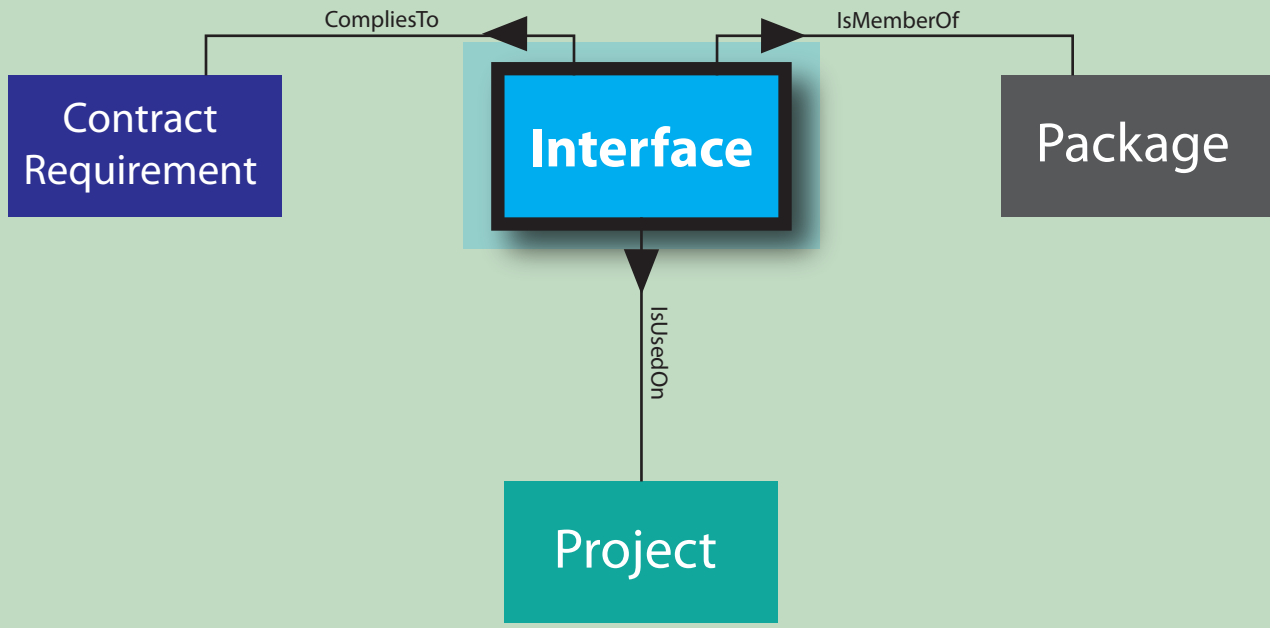
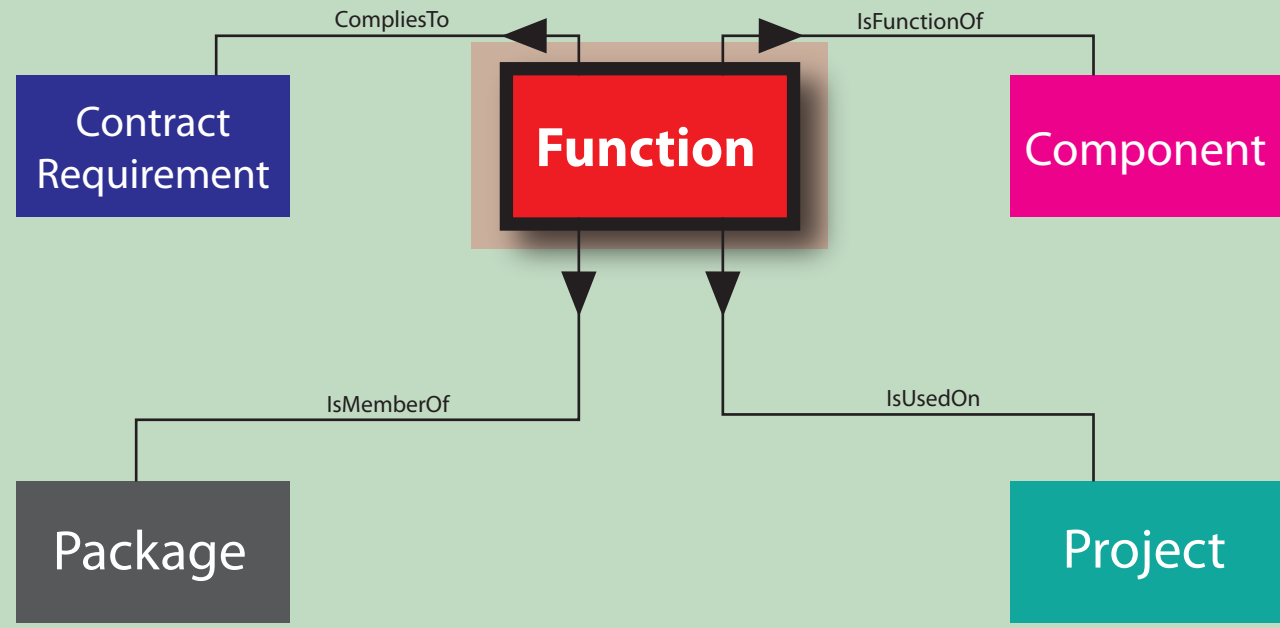
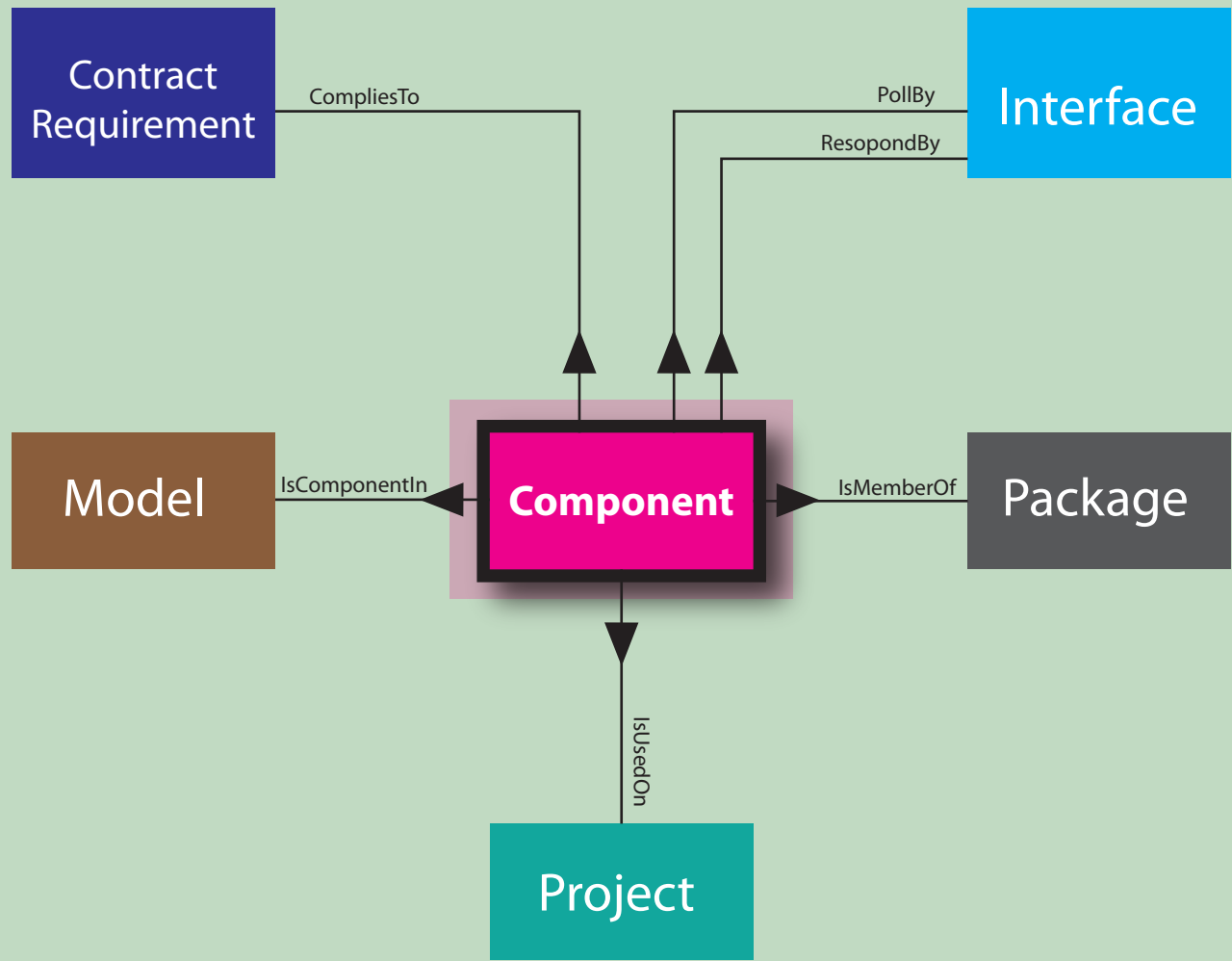
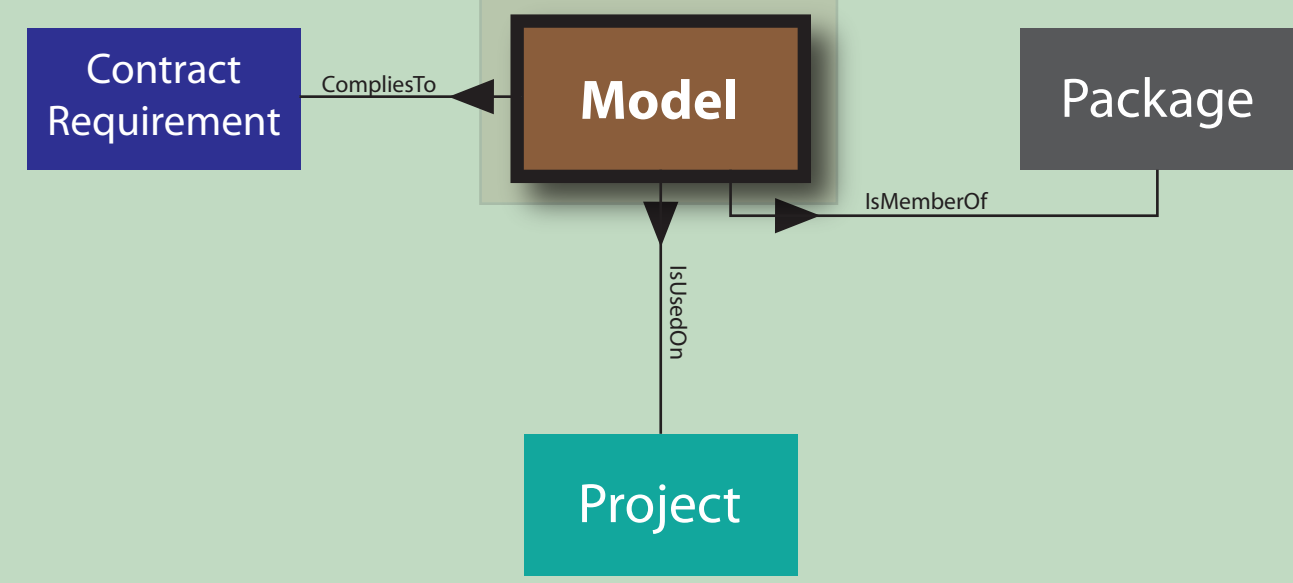
Function

Attribute	Type	Description
id	String256	Unique ID
name	String256	Function's name
description	String4000	Detailed description
type	String256	The type of the Function (Internal/External)
version	String256	Version of the Function

Interface

This entity represents an interface between Modules.

Attribute	Type	Description
id	String256	Unique ID
name	String256	Interface's name
description	String4000	Detailed description
type	String256	The type of the Interface (Internal/External)
version	String256	Version of the Interface



InputOutput

InputOutput belongs to Module, Interface, Function, or Requirement.

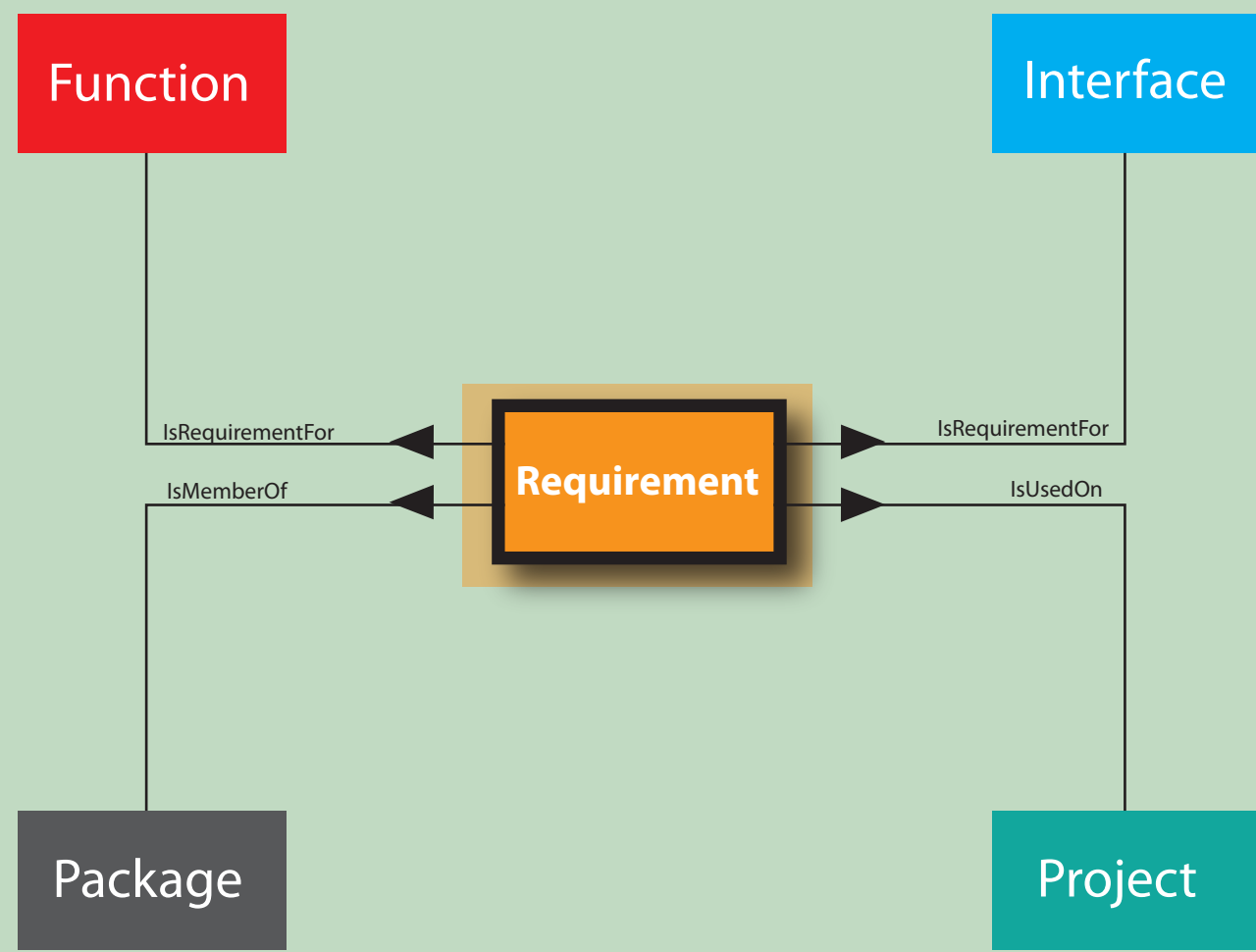
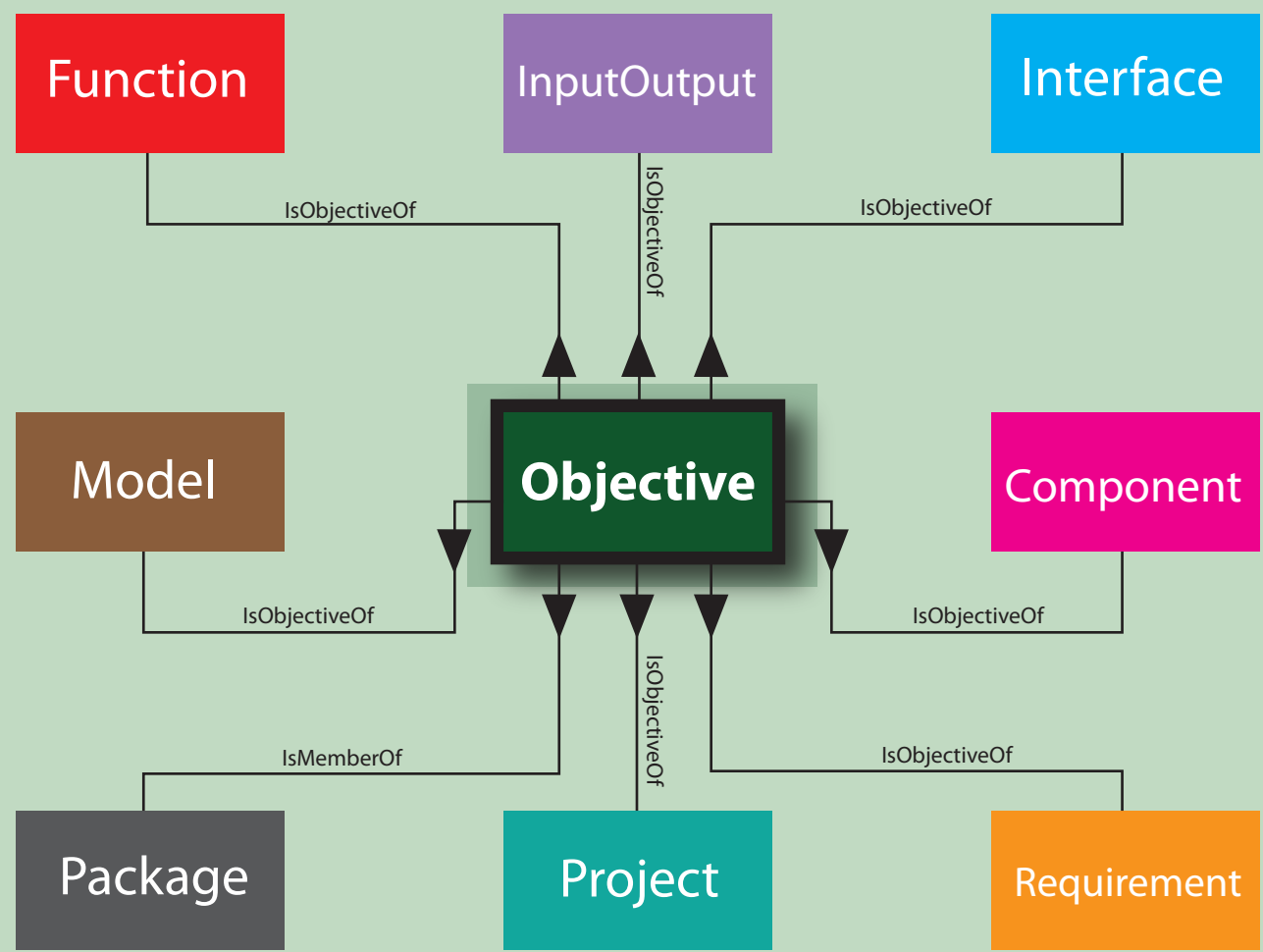
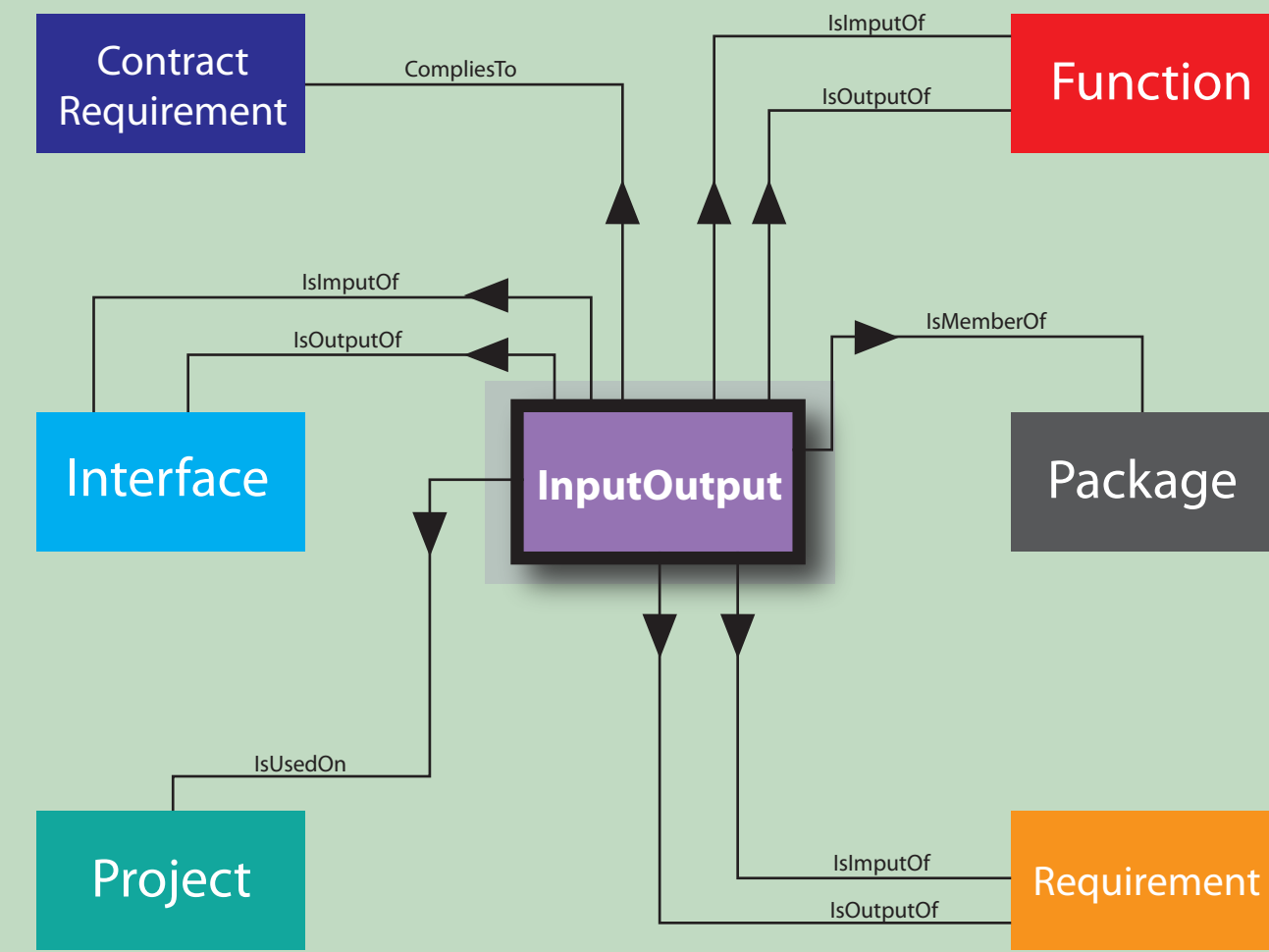
Attribute	Type	Description
id	String256	Unique ID
name	String256	InputOutput's name
description	String4000	Detailed description
ioType	String256	I/O type (Input/Output/Both)
type	String256	(Internal/External)
version	String256	Version

Objective

Attribute	Type	Description
id	String256	Unique ID
name	String256	Objective's name
description	String4000	Detailed description
type	String256	Objective's type (Internal/External)
version	String256	Version of the Objective

Requirement

Attribute	Type	Description
id	String256	Unique ID
name	String256	Requirement's name
description	String4000	Detailed description
type	String256	An ownership type (Internal/External)
statementType	String256	A statement type of the Requirement (Technical/Program)
version	String256	Version of the Requirement



Supportive

Comment

Comment models a comment that can be related to a concept in a model. A Comment belongs to one and only one concept in a model.

Attribute	Type	Description
id	String256	Unique ID
name	String256	Comment's name
description	String4000	Comment's description
status	String 256	The status of the Comment (Open/Close)
version	String 256	Version of the Comment

Informational Reference

A reference to a document associated with a concept in a model.

Attribute	Type	Description
id	String256	Unique ID
name	String256	InformationalReference's name
description	String4000	Detailed description
documentId	String256	ID of a document that relates to the InformationalReference
type	String256	Type of the referenced document (any document type)
value	String256	Document's reference (URI)
version	String16	Version of the document represented by this InformationalReference
time	DateTime	Time when InformationalReference is confirmed

Project

Project is a root concept of the model that "collects" all concepts belonging to a specific project.

Attribute	Type	Description
id	String256	Unique ID
name	String256	Project's name
description	String4000	Detailed description
contract	String256	An ID of the Contract that the Project belongs to.
version	String256	Version of the Project

Package

Package is used to pack together concepts and perform a single operation on them.

Attribute	Type	Description
id	String256	Unique ID
name	String256	Package's name
description	String4000	Detailed description
version	String256	Version of the Package

