Traceability relations representation

The traceability relations are represented through the so-called traceability properties that have been predefined for each element type according to the traceability method supported in the modeling tool.

A single traceability property shows an element or a set of elements that are related to a particular element through the relationships which are specified by some traceability rule. The predefined traceability rules are stored in the Traceability customization profile used by the MagicDraw Profile.

The properties for the traceability relations are grouped into the realization, specification, and other groups, owning both direct (single level) and indirect (multiple levels) traceability relations. The indirect traceability relations are represented by the so-called **All** properties, for example, **All Specifying Elements**, **All Realizing Elements**, and **All Specific Classifiers**.

The relations for traceability creation, visualization and navigation is also possible without using traceability properties. However, the customizable model driven traceability properties, which represent the traceability relations in a single place, can greatly help in traceability information visualization and access.

> **Tip**
> You can customize the predefined traceability properties according to your needs or create your own traceability properties and specify your own rules. You can also customize the grouping of the traceability properties according to your needs. For more information, please, refer to the sections Extending metamodel with derived properties and Creating your own property groups and subgroups.

Element's traceability properties are represented in the following places:

- Specification window
- Properties panel
- Note on a diagram
- Go To submenu
- Traceability Report

Related pages

- Traceability
  - Creating traceability relations
  - Traceability relations representation
  - Navigating between different levels of abstraction
  - Analyzing traceability relations
  - Predefined traceability rules
  - Custom traceability rules