# Requirements

### Description

The **Requirements Domain** (Rq) represent requirements, their properties, and relationships (trace, verify, satisfy, refine) between each other and to UAF architectural elements.

#### Implementation

A Requirements viewpoint can be represented using:

- Requirement Diagram.
- Requirement Table.

#### Sample

	«requirement» UNCLOS 198	
] = "1" avt = "The United Nations Convention on	the Low of the Case (LINCLOC) Article 00: Ever	. State shall require the moster of a
hip flying its flag, in so far as he can do so ssistance to any person found at sea in da istress, if informed of their need of assista	the Law of the Sea (UNCLOS), Article 98: Every o without serious danger to the ship, the crew or langer of being lost to proceed with all possible s ance, in so far as such action may reasonably be w and its passengers and, where possible, to inf arest port at which it will call.	the passengers to render speed to the rescue of persons in e expected of him after a collision, to
	<u></u>	
	«deriveReqt» «requirement»	
	USNSP	
rganization, key authorities and their resp	cluded as Appendix A to this Supplement. The N ponsibilities, and primary principles and policies u to account the provisions of the IAMSAR Manua	upon which our SAR system is
«requirement» Render Assistance	«requirement» Proceed To Rescue	«requirement» Post Collision
d = "2.1" 'ext = "The ship master shall render ssistance to any person found at sea in langer of being lost. "	Id = "2.2" Text = "The ship master shall proceed with all possible speed to the rescue of persons in distress, if informed of their need of assistance, in so far as such action may reasonably be expected of	Id = "2.3" Text = "The ship master shall render assistance to the other ship, its crew and its passengers and, where possible, to inform the other ship of the name of its own ship, its port of registry and the
	him. "	nearest port at which it will call. "

An example of requirements diagram created using the SysML standard

## **Related Elements**

- Refine
- Requirement
- Satisfy

- TraceVerify