Resources Taxonomy

Description

The Resources Taxonomy (Rs-Tx) domain shows the taxonomy of types of resources and the flows of resources among them.

The intended usage of the Resources Taxonomy (Rs-Tx) domain includes:

- Definition of system concepts.
- Definition of system options.
- System resource flow requirements capture.
- Capability integration planning.
- System integration management.
- Operational planning (capability and performer definition).

The Resources Taxonomy (Rs-Tx) domain is used in two complementary ways:

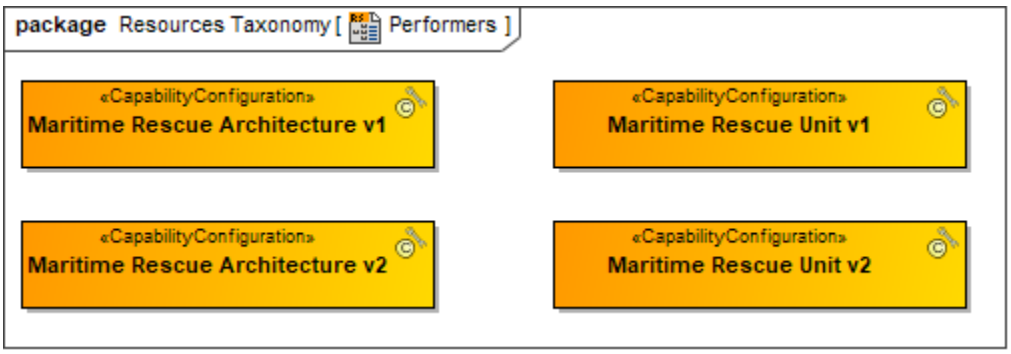
- Describe the resource flows exchanged between resources in the architecture.
- Describe a solution, or solution option, in terms of the components of capability and their physical integration on platforms and other facilities.

Implementation

The Resources Taxonomy (Rs-Tx) domain in represented by:

- Resources Taxonomy diagram. It addresses the composition and interaction of systems.
- Implementation Matrix.
- Resources Taxonomy table. This table can be used to create and describe major domain elements faster.

Sample



An example of the Resources Taxonomy diagram

#	Name	Owner	Owned Attribute
1	Aircraft	Resources Taxonomy	Monitor : ESM System Radio : Communication Device Digital Servic : Link 16 inout resourcePort1 : AircraftInstruction
2	Boat	Resources Taxonomy	Distress Beacon : Lighting Device Radio : Communication Device Monitor : ESM System Digital Service : Link 16 inout resourcePort1 : BoatInstruction maritime Rescue Unit v1 : Maritime Rescue Unit v1
3	C2 System	Resources Taxonomy	inout c2CrossDom : C2CrossDomIf classification level : SecurityImpactProperties measurement1 : SecurityImpactProperties
4	Communication Device	Resources Taxonomy	out tr : transmitter in rs : receiver inout resourcePort1 : radioInstruction
5	Communication Redundancy	Security Structure	email : Email Communication System [1] ems : EMS Dispatch System [1]
6	Cross Domain Solution	Resources Taxonomy	inout cybDefCrDom : ~CybDefCrDomIf inout c2CrossDom : ~C2CrossDomIf inout crDomSrchSys : CrDomSrchSysIf

An example of the Resources Taxonomy table

Related elements

- Asset
- Capability Configuration
- Measurement
- Natural Resource
- Operational Agent
- Operational Performer
- Organization
- Organizational Resource
- Person
- Physical Resource
- Post
- Property Set
- Resource Architecture
- Resource Artifact
- Resource Exchange
- Resource Mitigation
- Resource Performer
- Resource Role
- Responsibility
- Software
- System
- Technology

Related procedures

- Working with Resources Taxonomy diagram
- Working with Resources Taxonomy table

- Implementation Matrix