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:

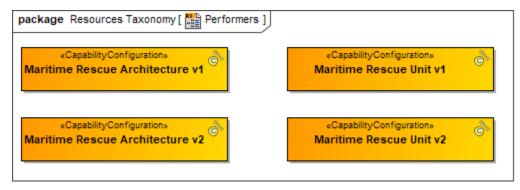
- Describe the resource flows exchanged between resources in the architecture.
- Describe a solution, or solution option, in terms of the components of capability and their physical integration on platforms and other facilities.

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 : <u>ESM</u> System Radio : Communication Device Digital Servic : Link 16 Digital Servic : Link 16
2	🎔 Boat	Resources Taxonomy	Distress Beacon : Lighting Device Radio : Communication Device P Monitor : ESM System Digital Service : Link 16 Digital Service : Link 16 Monitor resourcePort1 : BoatInstruction M maritime Rescue Unit v1 : Maritime Rescue Unit v1
3	T C2 System	Resources Taxonomy	☐ inout c2CrossDom : C2CrossDomIf
4	$oldsymbol{ abla}$ Communication Device	Resources Taxonomy	definition of the second seco
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 AgentOperational Performer

- Organization
 Organizational Resource
 Person
 Physical Resource

- Post
- Property SetResource Architecture

- Resource Architectur
 Resource Artifact
 Resource Exchange
 Resource Mitigation
 Resource Performer
 Resource Role
 Resource Role
- ResponsibilitySoftware
- System
- Technology

Related procedures

- Working with Resources Taxonomy diagramWorking with Resources Taxonomy table
- Implementation Matrix