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:

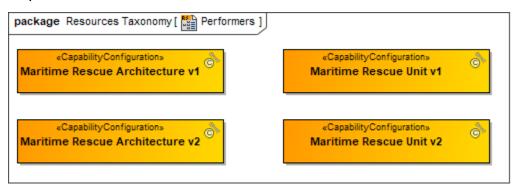
- Describe the resource flows exchanged between resources in the architecture.
- Describe a solution, or solution option, in terms of the components of capability and their physical integration on platforms and other facilities.

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	T Aircraft	Resources Taxonomy	Monitor: ESM System
2	🍑 Boat	Resources Taxonomy	② Distress Beacon: Lighting Device ③ Radio: Communication Device ③ Monitor: ESM System ③ Digital Service: Link 16 ⑤ Inout resourcePort1: BoatInstruction ③ 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	mail: Email Communication System [1] mathrix 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 Artifact
 Resource Exchange
 Resource Mitigation
 Resource Performer
- Resource Role
- Responsibility
- Software
- System
- Technology

Related procedures

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