

Projects Traceability

Description

The Projects Traceability (Pj-Tr) domain shows the traceability between capabilities and projects that deliver them. The Projects Traceability (Pj-Tr) domain supports the acquisition and deployment processes, including the management of dependencies between projects and the integration of all relevant project and program elements to achieve a capability.

Programs, projects, portfolios, or initiatives are mapped to the capability for a particular timeframe. Programs, projects, portfolios, or initiatives may contribute to multiple capabilities and may mature across time. The analysis can be used to identify capability redundancies and shortfalls, highlight phasing issues, expose organizational or system interoperability problems, and support program decisions, such as when to phase out a legacy system.

The intended usage of the Projects Traceability (Pj-Tr) domain includes:

- Tracing capability requirements to projects.
- Capability audit.

Implementation

The Projects Traceability (Pj-Tr) domain is represented by:

- [Actual Projects to Capabilities Mapping Matrix](#) which is a non-editable Dependency Matrix. Capabilities are used as row elements and Actual Projects are used as column elements.
- [Actual Organizational Resources to Actual Projects Mapping Matrix](#).
- [Project Activities to Capabilities Mapping matrix](#).

Samples

	Strategic Taxonomy [v]	Assistance	Distress Signal Monitor	Inform	Land SAR	Maritime SAR phase 1	Military C2	Recovery	SAR	SAR C2	Search
Projects Taxonomy [Model::Projects]											
SAR AutomationProject : Development											
SAR Manual Project 1 : Development											
SAR Manual Project 2 : Development											

An example of the Actual Projects to Capabilities Mapping Matrix

Legend				
Responsible For				
		Projects Taxonomy [Model::Projects]	SAR Automation Project : Development	SAR Manual Project 1 : Development
			SAR Manual Project 2 : Development	
Actual Resources Structure [Model::Actual Resources]		1	1	1
Betty Boss : SAR Commander				
Boat Crew : Voluntary Organization				
Cindy Soa : Soa Operator				
Coast Guard : SAR Government Department				
Department Of Defense : Government Department				
Department of Transport : Government Department		3		
Len Lifeguard : Qualified Lifeboat Driver				
Lifeboat Driver : MRT Boat Driver				
Maritime & Coast Guard Agency : SAR Government Department				
Peter Pilot : Qualified Helo Pilot				
Ron Radio : Marine Radio Operator				

An example of the Actual Organizational Resources to Actual Projects Mapping Matrix

		Strategic Taxonomy [v]									
		Assistance	Distress Signal Monitoring	Inform	Land SAR	Maritime SAR phase 1	Military C2	Recovery	SAR	SAR C2	Search
Projects Processes [Model::Projects]											
ProjectActivity1											
SAR Automation Concept Development											
SAR Automation Deployment											
SAR Automation Maintenance											
SAR Automation Operations											
SAR Automation Requirements Capture											
SAR Automation Retirement											
SAR Automation Sea Trails											
SAR Automation System Development											
SAR Automation System Test											
SAR Automation Training											
SAR Lifecycle Project											

An example of the Project Activities to Capabilities Mapping matrix

Related elements

- [Actual Project](#)
- [Actual Project Milestone](#)
- [Actual Resource](#)
- [Capability](#)
- [Capability Configuration](#)
- [Capable Element](#)
- [Resource Architecture](#)
- [Resource Performer](#)

Related procedures

- [Working with Actual Projects to Capabilities Mapping Matrix](#)
- [Working with Actual Organizational Resources to Actual Projects Mapping Matrix](#)
- [Working with Project Activities to Capabilities Mapping matrix](#)