

# Dictionary

## Description

The **Dictionary** (DC) is a table presenting all the elements used in an architecture as a standalone structure.

This table is used for capturing:

- elements and relationships that are involved in defining the environments applicable to capability, operational concept or set of systems.
- measurable properties that can be used to support analysis such as KPIs, MoEs, TPIs etc.















This viewpoint lists the definitions for all the elements in the architecture, libraries of environments and measurements.

## Implementation

A Dictionary (DC) viewpoint is represented by:

- **Dictionary table.** It contains the definitions of terms used in the given architecture. The table also consists of textual definitions in the form of a glossary, their taxonomies, and their metadata (i.e., data about architecture data), including metadata for any custom-tailored views. Architects should use standard terms where possible (i.e., terms from existing, approved dictionaries, glossaries, and lexicons). This table provides a central reference for a given architecture's data and metadata. It enables the set of architecture description to stand alone, with minimal reference to outside resources.
- **Reports:**
  - Dictionary (.docx).
  - Dictionary Excel Spreadsheet (.xlsx).
  - Dictionary Tabular (.docx).

## Sample

#	Name	Definition	UPDM Type	UML Metatype	Used in Diagrams
1	 Compass-Sarsat System Standard	Cospas-Sarsat is an international organisation that uses satellite technology to detect active radio distress beacons anywhere on Earth and to ensure that the distress alert data is passed quickly to the appropriate RCC.	 Standard [Class]	 Class	 Resource Forecast  Standards Roadmap
2	 Fixed Wing Aircraft	The Nimrod can fly at high speed to a distance of approximately 800 nautical miles from base and then search for a period of 5 hours. Range can be extended at the expense of search time, or both may be extended by the use of in-flight refueling.	 ResourceArtifact [Class]	 Class	 Standards Taxonomy
3	 Helicopter	The RAF Sea King helicopters at Boulmer, Chivenor, Leconfield, Lossiemouth, Valley and Wattisham have a <u>maximum</u> endurance of 6 hours. This gives a radius of action of approximately 250 nautical miles from base. This can be extended by refuelling from forward bases, oil platforms or suitably equipped RN ships.	 ResourceArtifact [Class]	 Class	 Resource Forecast  Standards Taxonomy

## Related elements

- [Definition](#)
- [Alias](#)
- [Same As](#)

## Related procedures

- [Generating document based reports](#)