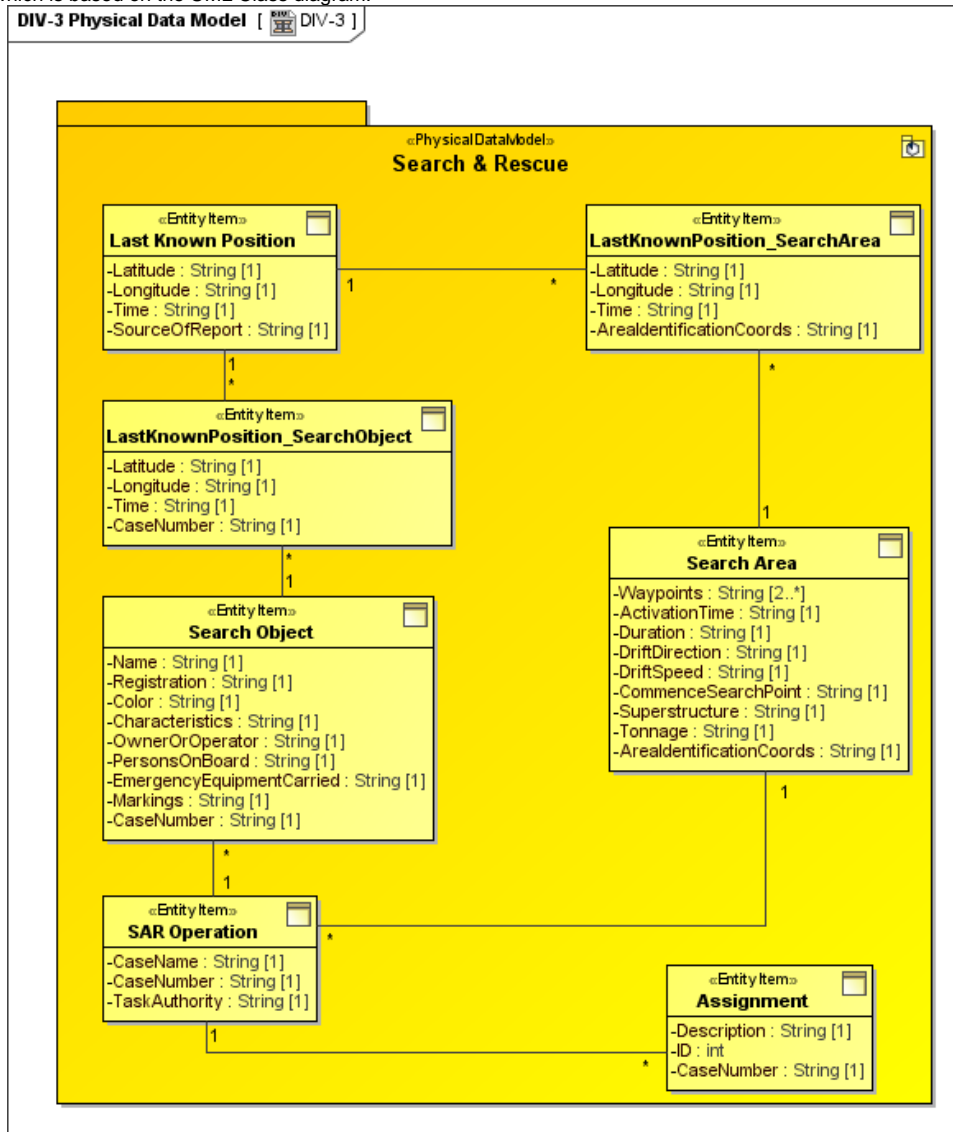# DIV-3 Physical Data Model

Description

The DIV-3 defines the structure of the various kinds of system or service data that are utilized by the systems or services in the Architectural Description. The Physical Schema is one of the models closest to actual system design in DoDAF. DIV-3 is used to describe how the information represented in the DIV-2 Logical Data Model is actually implemented.

While the mapping between the logical and physical data models is relatively straightforward, the relationship between the components of each model (e.g., entity types in the logical model versus relational tables in the physical model) is frequently one-to-many or many-to-many.

Implementation

DIV-3 can be represented using:

- A DIV-3 diagram which is based on the UML Class diagram.

- A UML Class diagram.
- A SysML Block Definition Diagram.

The Physical Data Model is one of the Architectural Products closest to actual system design in the Framework. DIV-3 is used to describe how the information represented in the Information Model (DIV-2) is actually implemented.

Related Pages:

- Creating DIV-3 diagram

- Entity Item
- Entity Attribute
- Entity Relationship

- Exchange Element
- Physical Data Model