

P7 Physical Data Model

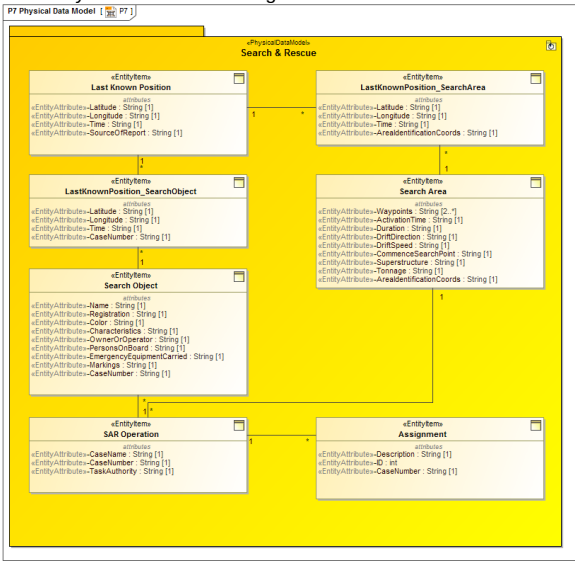
Description

The P7 Physical Data Model view defines the structure of data used by the Resources in the architecture. It is used to describe how the information represented in the [L7 Logical Data Model](#) is implemented. While the mapping between the logical and physical data models is relatively straightforward, the relationship between the components of each model (eg entity types in the logical model versus relational tables in the physical model) is frequently one-to-many or many-to-many.

Implementation

The P7 view can be represented using:

- A P7 Physical Data Model diagram which is based on the UML Class diagram.



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

Related elements

- Entity Item
- Entity Attribute
- Entity Relationship
- Exchange Element
- Details
- Physical Data Model

Related procedures

- [Creating P7 diagram](#)