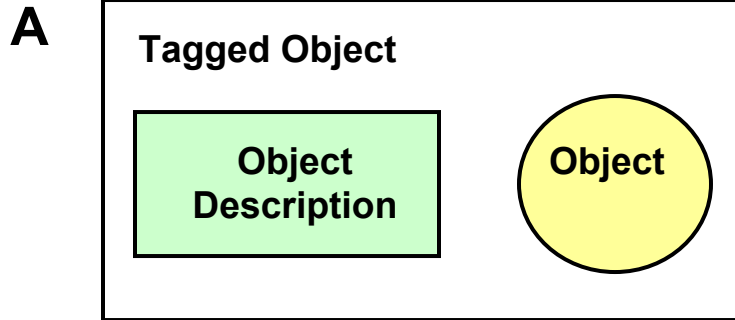


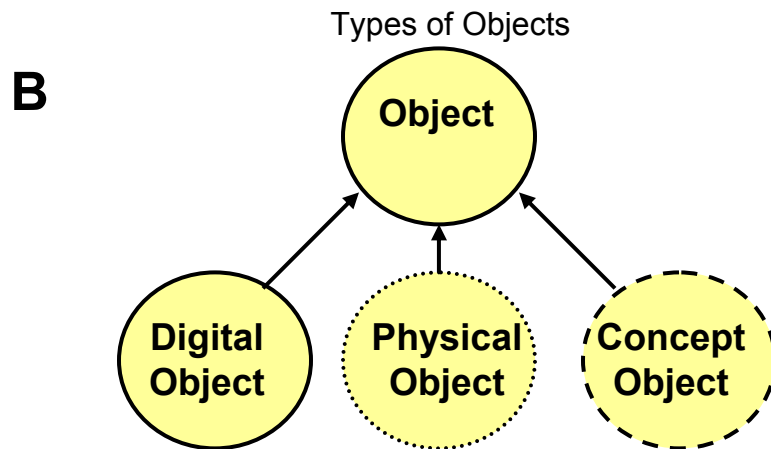
Tagged Objects, Identifiables, Products, and Sets

Some Definitions



Tagged Object – An Object Description and an associated Object.

Object Description – The information that maps an Object into more meaningful concepts. – E.g. Image, Table, Mission



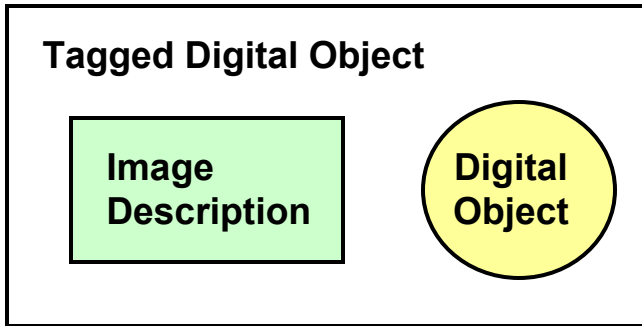
Object – Either a Physical Object or a Digital Object or a *Conceptual Object*. Something about which almost nothing is known.

C Set - A set is a collection (container) of certain things, without any particular order, and no duplicate things.

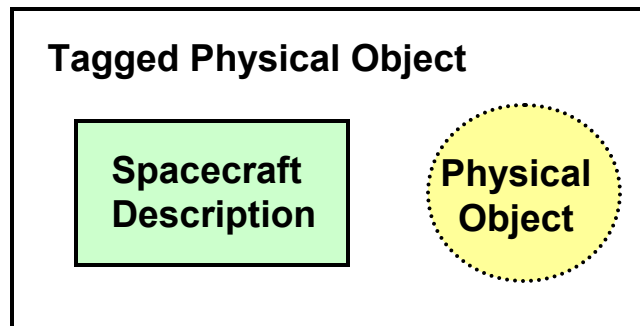
Homogeneous Set – all things must be of the same type

Heterogeneous Set - things can be of many types

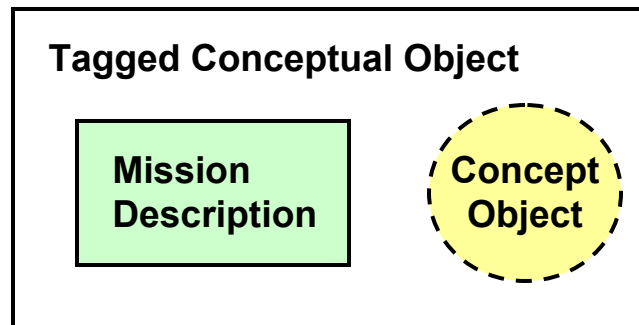
Three types of Tagged Objects



E.g. Image or Table



E.g. Spacecraft or Moon Rock

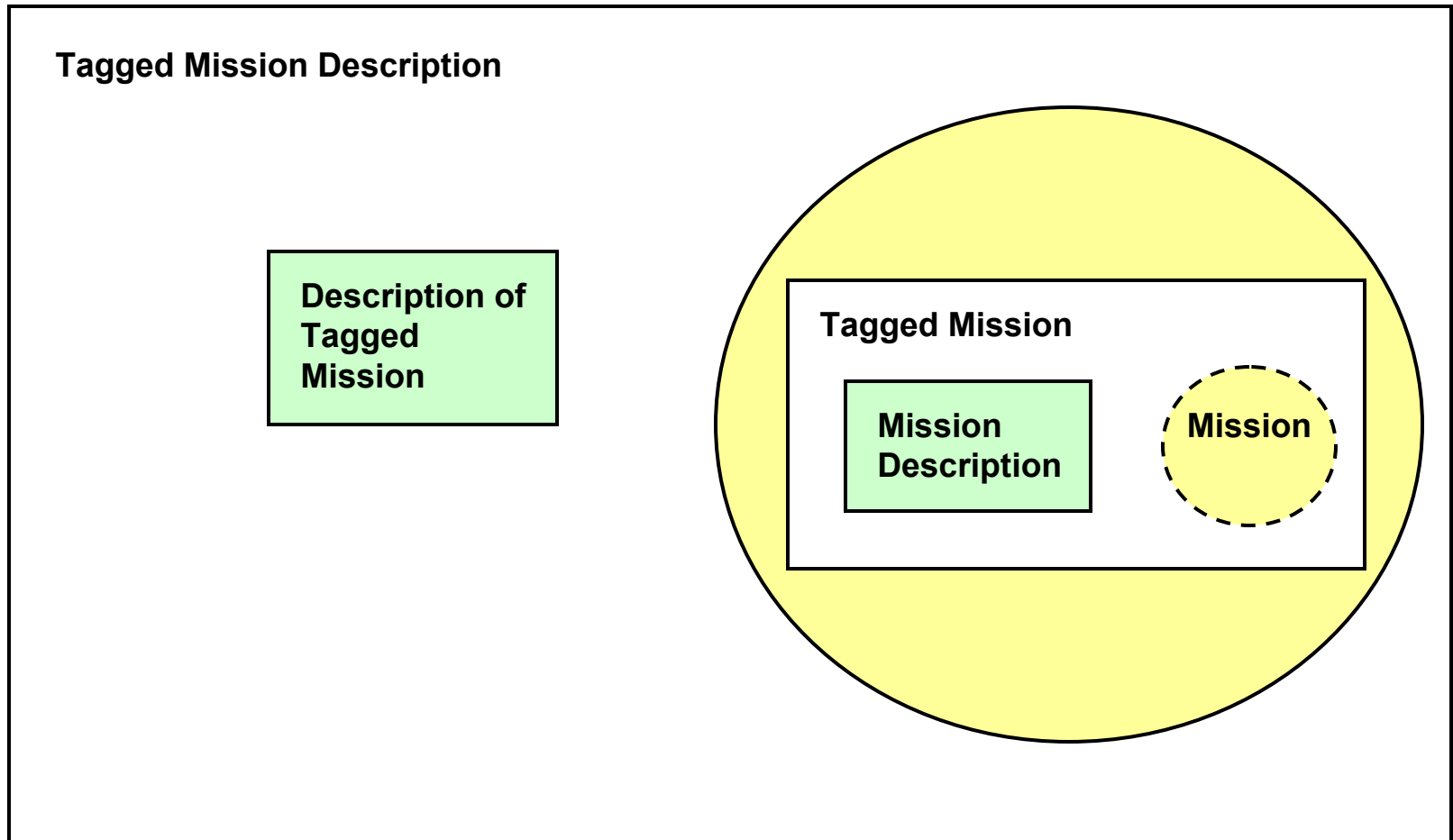


E.g. Mission or Node

Another type of Tagged Object (Nested)

Tagged Mission Description

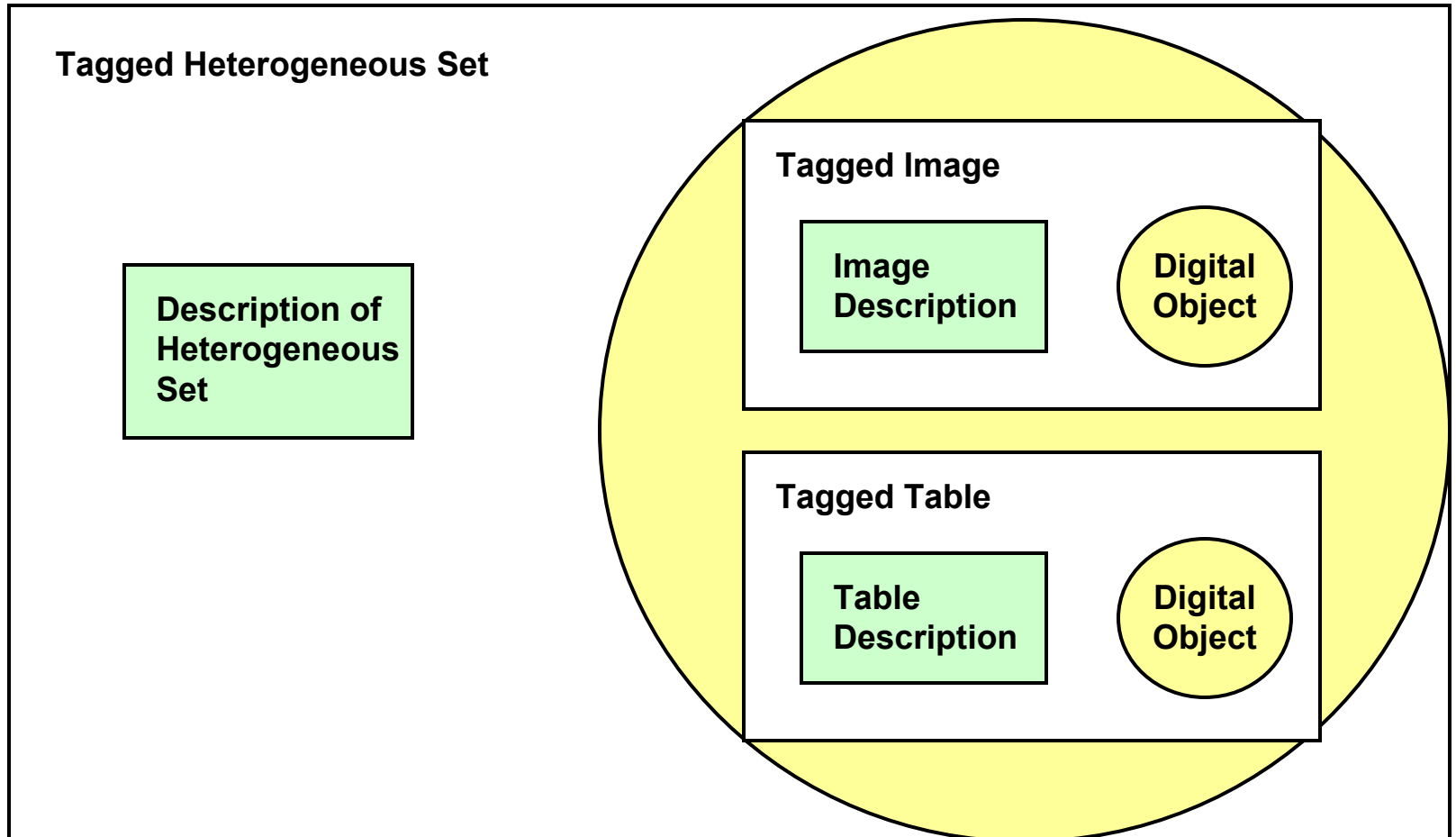
where the Object is a Tagged Mission



Yet another type of Tagged Object

Tagged Set {Tagged Image, Tagged Table}

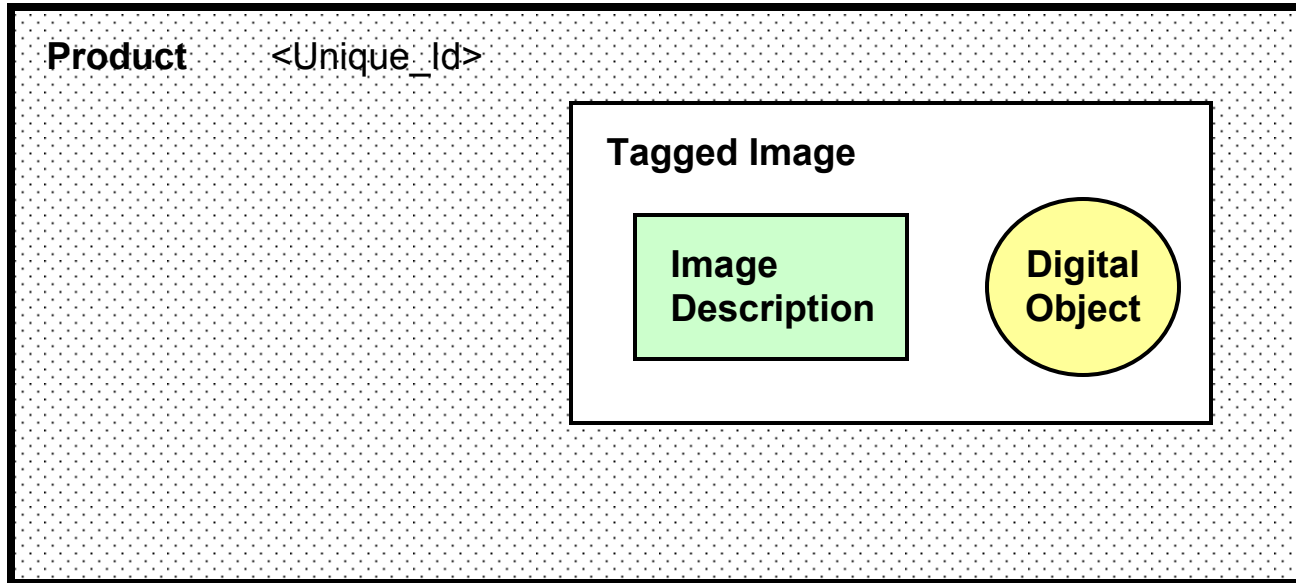
where Object = Heterogeneous Set



Product (Identifiable)

Identification information and an associated Tagged_Object

Simple Image

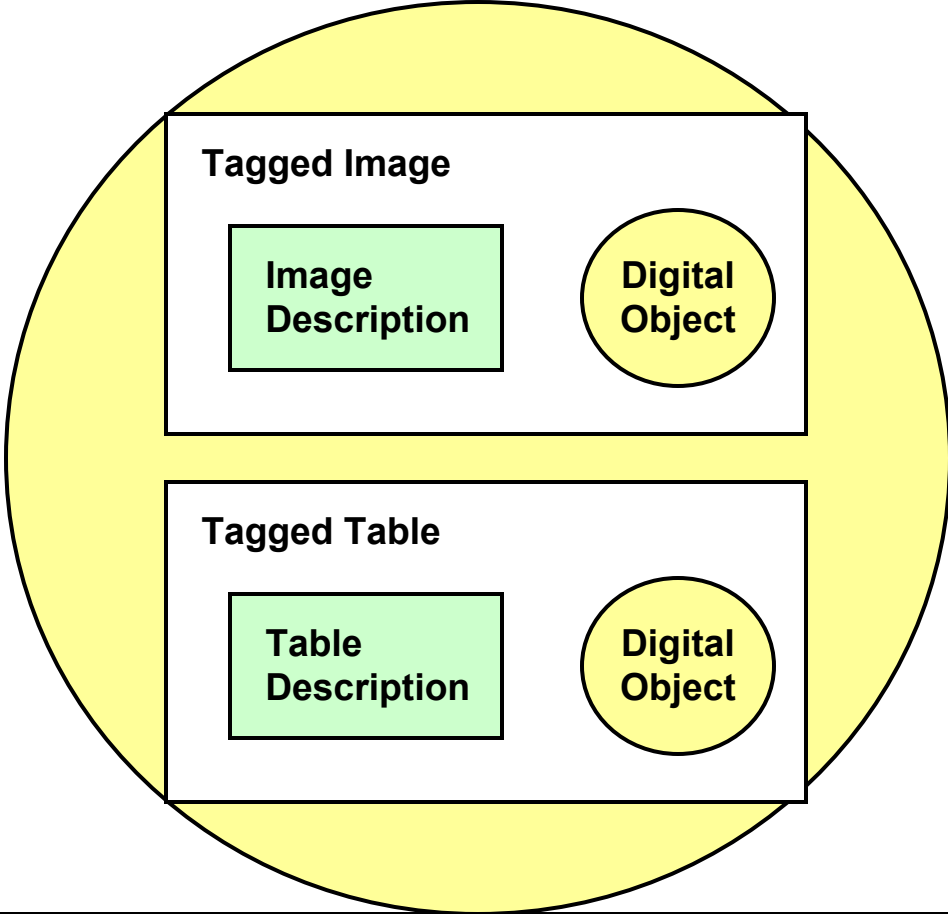


Complex Image Product - 1 (Identifiable)

Product <Unique_Id>

Tagged Heterogeneous Set

Description of Heterogeneous Set



Complex Image Product – 2 (Identifiable)

Product <Unique_Id>

Tagged Heterogeneous Set

Description of
Heterogeneous
Set

Tagged Image

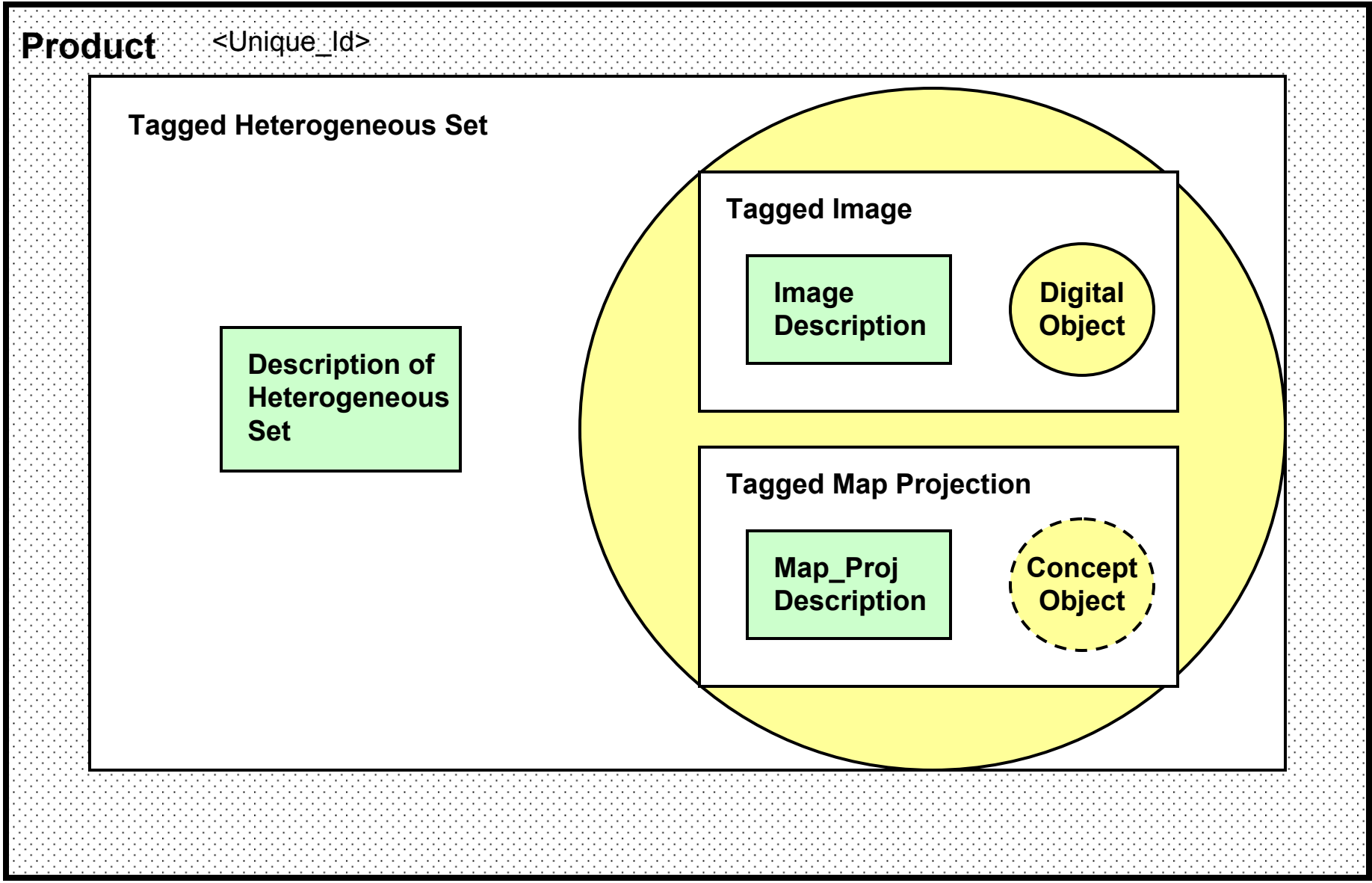
Image
Description

Digital
Object

Tagged Map Projection

Map_Proj
Description

Concept
Object



Document Set Product (Identifiable)

Product <Unique_Id>

Tagged Homogeneous Set

**Description of
Homogeneous
Set**

Tagged Document

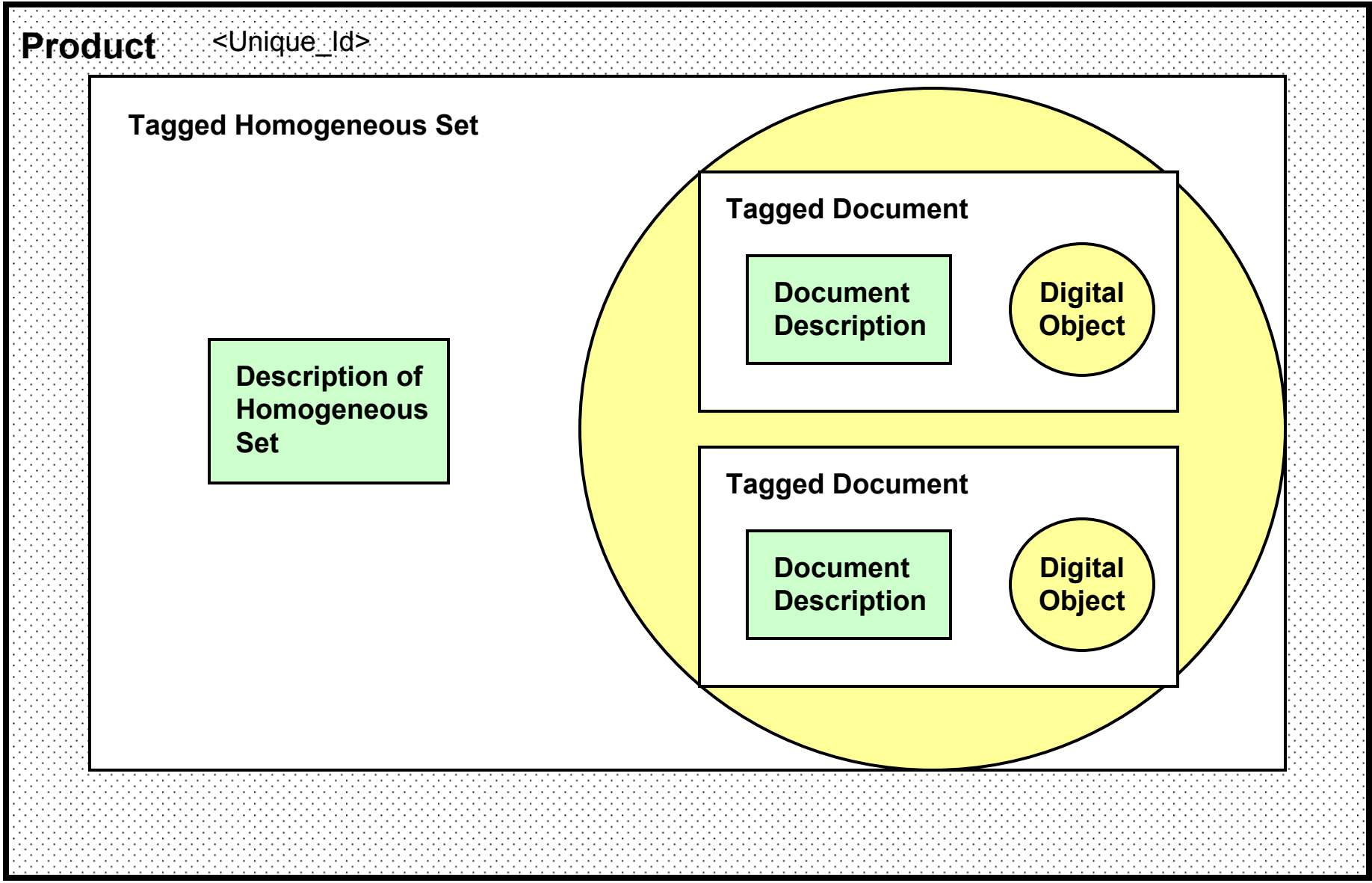
**Document
Description**

**Digital
Object**

Tagged Document

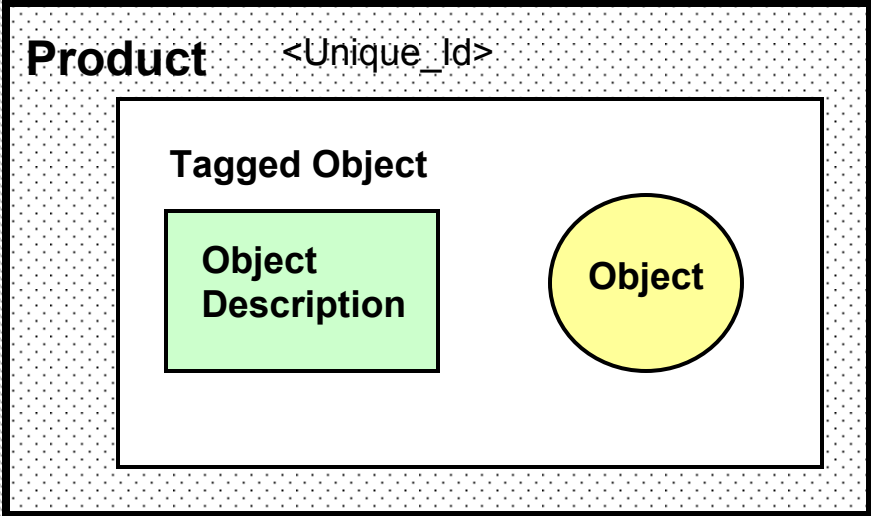
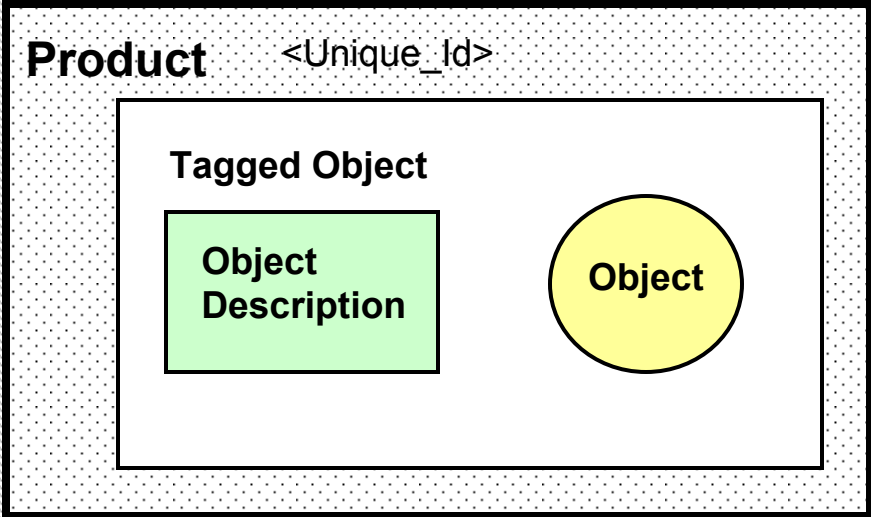
**Document
Description**

**Digital
Object**



Set of Products (Identifiable)

Set <Unique_Id>



Set of Sets (Identifiable)

Set <Unique_Id>

Set <Unique_Id>

Set <Unique_Id>

Heterogeneous Set (Identifiable)

