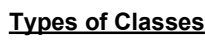
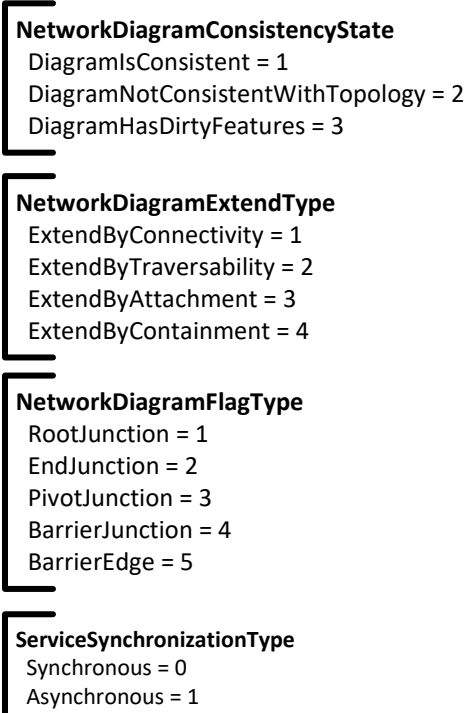


ESRI® ArcGIS® Pro SDK 3.0

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Types of Classes

An **Abstract Class** is a specification for instances of subclasses (through type inheritance.)

Types of Relationships:

Inheritance is a relationship in which objects from subclasses share properties and methods with objects from the base class, but also may contain additional properties and methods.

Instantiation is a relationship in which one object from one class has a method that creates an object from another class.

Association is a relationship between objects of classes in which neither object has ownership over the other.

Composition is a relationship in which objects from the 'whole' class own the 'part' class, and the 'part' class cannot meaningfully exist without the 'whole'

Aggregation is a relationship in which objects from the 'whole' class own the 'part' class, but the 'part' class can exist independently of the 'whole' class.

A **Multiplicity** is a constraint on the number of objects that can be associated with another object. Association, composition, and aggregation relationships have multiplicities on both sides. This is the notation for multiplicities:

1 - One and only one
0..* - Zero or many
1..* - One to many

Property Types & Output Types

These are provided using C# data types. The output type gives an indication of the actual return type of the method or of its parameter passed by reference.



GetDiagramManager

GetDiagramTemplate
GetDiagramTemplates

- GetNetworkDiagram
- GetNetworkDiagrams

- GetNetworkDiagram
- GetNetworkDiagrams

- FindDiagramFeatures
- FindInitialNetworkRows
- FindNetworkRows

QueryDiagramElements

GetDiagramInfo

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