



Abstract Class Types
Abstract classes are used to simplify the design and documentation of a model. An abstract class represents a concept that needs to be described or utilized with a logical model.

Linear Referencing System (LRS) Location Model
The Linear Referencing System (LRS) Location Model is a logical model that represents the spatial relationships between pipeline features and their location along a route.

Assets
Assets represent the installed components that complete the prescribed product containment and transportation aspect of the pipeline. Assets may not contain product and are installed and/or verified by inspection.

Conditions
Conditions represent the 'state' or 'condition' of the pipeline. Conditions are described by the results of an activity such as an inspection, test, or survey.

Domains and Code Look-up Tables
Domains (ESRI Geodatabase) and Code Look-up Tables (CLUTs) provide a standard set of values for attributes in a table. The values for these domains are stored in the ESRI Geodatabase or in a separate table.

Design Notes
This poster contains both a conceptual and logical model design notes. The poster is designed to be read starting with the text boxes at the bottom of the diagram, then from the upper left, downwards and then from the upper right and downwards.

How to understand this diagram
This diagram shows the schema of the PODS 7.0 data model. The diagramming style incorporates conceptual and logical model elements.

How to read this diagram
Read the text on the left or right side of the diagram. The diagramming style incorporates conceptual and logical model elements.

MetaData
MetaData tables are used to describe generic non-spatial elements and to capture or identify data about the structure and content of the model. MetaData is comprised of the following three groups:

Conditions
Conditions represent the 'state' or 'condition' of the pipeline. Conditions are described by the results of an activity such as an inspection, test, or survey.

Locations
Locations are things that are used to 'denote' the location of something on or along the pipeline. Locations are typically used to reference points to find other features on or along the pipeline.

Assets
Assets represent the installed components that complete the prescribed product containment and transportation aspect of the pipeline.

Design Notes
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