PODS Deep Dive

PODS 7.0 and PODS Lite Deep Dive

• Deep Dive into the Model, the Design, not the Strategy
• Conceptual Model
• Abstract Classes
• Location Model
• Hierarchy
• MetaData Tables
• Assets, Conditions, Locations, Operations
Location Model (Linear Referencing System - LRS) [Optional]

- Centerline
- CenterlineSequence
- CalibrationPoint
- ContinuousMeasureNetwork
- EngineeringStationNetwork
- LRSNetwork

- assigns Measure to
- ordered by
- enumerated as
Conceptual Model

**Condition**
- InspectionRange
- InspectionPoint
- ElevationPoint
- ExposureSpan

**Operations**
- ClassLocation
- OperatingPressure
- TestPressure
- ConsequenceSegment
- PipeOperatingCondition
- PipeJurisdiction

**Location**
- Marker
- CrossingHydrology
- CrossingPipeline
- CrossingTransportation
- CrossingUtility

Network Route
Abstract Classes

1) Begin with one of these classes

- PipelineFeature (*)
- abstractTable (aT)
- abstractPolygon (aPg)
- NetworkRoute (NR)
- abstractPoint (aPt)
- abstractPolyline (aPl)

2) Pipeline features must belong to one of these categories

- Assets (A)
- Conditions (C)
- Locations (L)
- Operations (O)

3) The geometry is assigned

Can be applied to ANY table in the model
1) Starts as one of these abstract types

2) Pipeline features must belong to one of these categories

3) The geometry is assigned

Can be applied to ANY table in the model
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  • Conceptual Model
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• If you understand this model, you will understand PODS 7.0
PODS 7.0 / Next Generation
Deep Dive
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