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01 - Notices diagram

Class diagram in package 'UML Diagrams'

Figure 1: 01 - Notices
02 - Core Types diagram

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Figure 2: 02 - Core Types
03 - Core diagram

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Figure 3: 03 - Core
04 - Attribute Sets diagram

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Figure 4: 04 - Attribute Sets
05 - Registry diagram

Class diagram in package 'UML Diagrams'

Check multiplicities of the Model -> Parent path.
Why would a Model revision have more than one parent?
Why would a Model be a variant of multiple parents?
The latter may be possible if a Model Variant is consistent with a revision and, hence, could have the original Model and a Model Revision as a parent.

Both could be possible if we are modeling changes over time. That is, a Model Revision is the child of some Model at one point in time and the child of a different Model at another point in time.
06 - Registry Configuration diagram

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Figure 6: 06 - Registry Configuration
07 - Logistic Resources diagram

Class diagram in package 'UML Diagrams'

Figure 7: 07 - Logistic Resources
08 - Agents diagram

Class diagram in package 'UML Diagrams'

Figure 8: 08 - Agents
09 - Measurement Locations diagram

Class diagram in package 'UML Diagrams'

Figure 9: 09 - Measurement Locations
10 - Networks diagram

Class diagram in package 'UML Diagrams'

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Figure 10: 10 - Networks
11 - Network Connections diagram
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Figure 11: 11 - Network Connections
12 - Functions diagram

Class diagram in package 'UML Diagrams'

Figure 12: 12 - Functions
13 - Engineering Studies diagram

Class diagram in package 'UML Diagrams'

Figure 13: 13 - Engineering Studies
14 - Ordered Lists diagram

Class diagram in package 'UML Diagrams'

Figure 14: 14 - Ordered Lists
15 - Signal Processing Setups diagram
Class diagram in package 'UML Diagrams'

Figure 15: 15 - Signal Processing Setups
16 - Algorithms diagram

Class diagram in package 'UML Diagrams'

Figure 16: 16 - Algorithms
17 - State Regions diagram

Class diagram in package 'UML Diagrams'

Figure 17: 17 - State Regions
18 - Measurements diagram

Class diagram in package 'UML Diagrams'

The Asset and Segment association allows a monitoring system to log the current installed unserialized asset (if a segment-based measurement location) or the segment where the serialized asset is located (if an asset-based measurement location) at the time of measurement.

Figure 18: 18 - Measurements
19 - Tests diagram

Class diagram in package 'UML Diagrams'

Figure 19: 19 - Tests
20 - Triggered State Regions diagram

Class diagram in package 'UML Diagrams'

Figure 20: 20 - Triggered State Regions
21 - Events diagram

Class diagram in package 'UML Diagrams'

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22 - Event Relationships diagram

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Figure 22: 22 - Event Relationships
23 - Geospatial Tracking diagram

Class diagram in package 'UML Diagrams'

Figure 23: 23 - Geospatial Tracking
24 - Ambiguity Sets diagram

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Figure 24: 24 - Ambiguity Sets
25 - Health and Prognostic Assessments diagram

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25 - Health and Prognostic Assessments
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Figure 25: 25 - Health and Prognostic Assessments
26 - Recommendations diagram

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Figure 26: 26 - Recommendations
27 - Solution Packages diagram

Class diagram in package 'UML Diagrams'

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Figure 27: 27 - Solution Packages
28 - Requests diagram

Class diagram in package 'UML Diagrams'

IsAutomaticallyApproved: boolean [0..1]
StartBefore: UTCDateTime [0..1]
EndBefore: UTCDateTime [0..1]
StartAfter: UTCDateTime [0..1]
EndAfter: UTCDateTime [0..1]
RepeatInterval: Measure [0..1]

«invariant»
(RequestForWork is applicable to either a Segment, Asset, or OrderedList)

Figure 28: 28 - Requests
29 - Work Management diagram

Class diagram in package 'UML Diagrams'

Figure 29: 29 - Work Management
30 - Completed Work diagram

Class diagram in package 'UML Diagrams'

Figure 30: 30 - Completed Work
31 - Documents diagram

Class diagram in package 'UML Diagrams'

Figure 31: 31 - Documents