Dagstuhl, Friday am 2017-10-27 Data Description

How could we handle lists as data values?

Two options –

* + a list as a collection of DataPoints
  + a single datatype – would lead to datatypes at two levels the contents of a Node and as a structure of nodes. This

ISO 11404 aggregator applied to DataPoints would create a structured datatype like a list.

To make a copy of a list from Blaise you would put the elements of the list into DataPoints and those would be structured.

CSV on the web is a case of lists in the cells would be handled by the collections pattern organizing DataPoints into a hierarchy.

Datum / DataPoint

We modified Datum to clarify description and removed a redundant relationship to ValueDomain

We talked about the duplication of LogicalRecord, and LogicalRecordLayout. Both are collections of DataPoints and could be structured by a RelationStructure. Would a better alternative be to structure records through separate structures on ID, Measure, and Attribute?

Connect records in a structure through ViewPoints?

How do we connect to the process model to describe transformations?