Datum 2015-10\_19:1900 initial notes

Ørnulf presenting DATOM model

Modeling datum as entities things started to fall in place.

“New” term “DATOM” from Datomics

Entity Atribute Value Transaction

The distintions between macro and micro don’t matter this model

The following are related by reference to Unit 1201

Who: Ørnulf

What:zipcode

Value:1201

Who:1201

What:tax-rate

Value: 15%

Entity is identified by entity id. Datum is all Datoms with the same entity ID.

Time series – each additional Datom has a new transaction code

Building the record will be a query – generating a Collection with an OrderRelation

DataPoint is a placeholder

A query will populate the structure into which the values are placed.

Is the source the output of a process?

Ørnulf’s example – hours worked

Ørnulf: 6:NSD

Ørnulf:12:SSB

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Entity | Attribute | Variable | Transaction | Predicates |
| dx (datum x) | What (Variable) | Ref(Gender) | 1001 | InstanceVariable |
| dx | Who (Unit) | Ref(Ørnulf) | 1001 | UNIT |
| dx | Value | 1 | 1001 | Process output |
| . | Where |  |  |  |
| . | Why |  |  |  |
| . | When | Point/Interval |  |  |
|  | How | Ref(Observation/Transformation) |  | Source (instanciation of a process) |
| dx | annotation | NB:be warned | 2006 |  |



