UUID communication for measurements

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Why UUID communication?

- There are 36 primary ways to define roundness on drawings
 - And many more secondary ways
- So there are two choices
 - 1. Capture all the measurement methods in the master model
 - 2. Leave all the measurements in the measurement system

UUID communication allows us to leave the measurements in the measurement system

But as we have seen its more complicated We need more than a single UUID

Proposal - double entry UUIDs

- First UUID identifies the context
- Second UUID identifies the property

Master Model

System A

"What is the grip length of this pin?"

<measure context="UUID1" property="UUID2"/>

Measurement file or device

System B

```
"The grip length of the pin is 0.53"
```

Discussion

- The system fails if you do not know the first UUID
 - Maybe this is goodness
 - Maybe use a second transaction

