## Issue 387: CRMinf examples.

**DECISION**: The sig reviewed the examples for properties J11 used manifestation (was manifestation used by) and J12 (HW by SS), made changes to them and accepted J11 used manifestation (was manifestation used by).

*J11 used manifestation (was manifestation used by)*

Domain: I7 Belief Adoption

Range: F3 Manifestation

Subproperty of:

Superproperty of:

Quantification: many to many (0,n:0,n)

Scope note: This property associates an instance of I7 Belief Adoption with the instance of F3 Manifestation that carried the instance of F2 Expression that contained the instances of E89 Propositional Object that make up the I4 Proposition Set being embraced. It assumes that a non-contentious reading of the instance of F2 Expression has allowed the instances of E89 Propositional Object to be elicited and enumerated.

This property is a shortcut over the long path:

I7 Belief adoption:*J6 adopted*:I2 Belief: *J4 that (is subject of):*I4 Proposition Set: *P148i is component of (has component)* F3 Manifestation

Examples:

* My belief adoption that the Dragendorff type 29 bowls are from the 1st Century AD (I7) *J11 used manifestation (was manifestation used by)* "Terra sigillata. Ein Beitrag zur Geschichte der griechischen und römischen Keramik", *Bonner* *Jahrbücher* 96 (1895), 18-155 (F3)

In First Order Logic:

J11(x,y) ⊃ I7(x)

J11(x,y) ⊃ F3(y)

*J12* *used item (was item used by)*

Domain: I7 Belief Adoption

Range: F5 Item

Subproperty of:

Superproperty of:

Quantification: many to many (0,n:0,n)

Scope note: This property associates an instance of I7 Belief Adoption with the particular instance of F5 Item that carried the instance of F2 Expression that contained the instances of E89 Propositional Object that make up the I4 Proposition Set being embraced.

This property is a shortcut over the long path: I7 Belief Adoption:*J6 adopted*: I2 Belief: J2i *was concluded by:* I5/S5 Inference Making: *J1 used as premise (was premise for):* E25 Human-Made Feature: *O16 observed value (value was observed by):* S4 Observation: *O8 observed (was observed by):*F5 Item

Examples:

* My adoption of the belief that Dragendorff type 29 bowls are from the 1st Century AD (I8) *J12 used (was used by)* The Institute of Archaeologies’ copy of "Terra sigillata. Ein Beitrag zur Geschichte der griechischen und römischen Keramik", *Bonner* *Jahrbücher* 96 (1895), 18-155 (F5)
* Martin’s citation that Nero was singing in Rome while it was burning *J12 used (was used by)* Martin’s copy of De Vita Caesarum by Gaius Suetonius Tranquillus

In First Order Logic:

J12(x,y) ⊃ I7(x)

J12(x,y) ⊃ F5(y)