# 57SIG-Issue 613. Inverse shortcuts

**In the 57th CIDOC CRM & 50th FRBR/LRMoo SIG Meeting**, the SIG reviewed HW by CEO,

1. examples illustrating the kinds of shortcuts mentioned in the relevant section of the CRM document
2. reformulation of the statement about E13 Attribute Assignment.

#### Shortcut examples:

* **shortcut**:
The property P43 *has dimension (is dimension of)* is a shortcut of the fully-articulated path from E18 Physical Thingthrough *P39i was measured by,* E16 Measurement*, P40 observed dimension* toE54 Dimension.
* **inverse shortcut**:
The property P186 *produced thing of product type (is produced by)* is an inverse shortcut of the fully-articulated path from E12 Production *P108* *has produced (was produced by),* E24 Physical Human-Made Thing, *P2 has type,* to E55 Type
* **strong shortcut**:
The property *P195 was a presence of (had presence)* is a strong shortcut of the fully developed path from E18 Physical Thing through *P196 defines*, E92 Spacetime Volume, *P166 was a presence of (had presence)* to E93 Presence*.*

**Decision**: The SIG approved the examples CEO proposed. They are to appear in the next CRM release.

#### Reformulation of the statement about E13 Attribute Assignment

Both the [original statement](#_OLD) and the proposed [reformulation (SdS)](#_Reformulation_by_SdS) did not read clearly, and a reformulation was necessary.

**Discussion points**:

* The statement should preclude E13 Attribute Assignment being construed as a shortcut over whatever fully articulated path.
* Initially E13 was considered to form a long path, because it added provenance information to any statements (that, in their turn, were considered as shortcuts seeing as they made no explicit reference to the attribute assignment). But it was understood that an E13 and properties could be applied trivially to any statement. Which resulted in **not** allowing E13 and properties to be shortcut from statements not mentioning it.
* A reformulation was proposed [below](#_NEW):

**Decision**: The SIG voted in favor of the [new proposal](#_NEW). It will replace the statement found in V7.2.3.

##### CIDOC CRM V7.2.3

The class E13 Attribute Assignment allows for the documentation of how the assignment of any property came about, and whose opinion it was, even in cases of properties not explicitly characterized as “shortcuts”.

##### Reformulation by SdS

Contrary to this, E13 Attribute Assignment (and the properties it makes use of) does not form a long path over the path that is being described by the E13 Attribute Assignment, in cases where the property being so described is actually a shortcut.

##### NEW

E13 Attribute Assignment (and the properties it makes use of) does not form a long path over the property instance it assigns.

**Summary of decisions**:

* Update the Shortcuts section with the abovementioned examples and new statement for E13.

***Issue closed***