**E91 Co-Reference Assignment**

Subclass of: E13 Attribute Assignment

Scope note:

Co-reference refers to the fact that two or more propositional objects refer to the same entity. E91 Co-Reference Assignment is used to make claims about the existence of such co-reference. It comprises actions of making the assertion that two or more particular instances of E89 Propositional Object refer to the same instance of E1 CRM Entity. The assertion is based on the assumption that this was an implicit fact being made explicit by this assignment. Use of this class allows for the full description of the context of this assignment.

The Actor making the assertion may have different degrees of confidence in the truth of the asserted fact of co-reference, because it may imply an interpretation of the (past) knowledge behind the propositional objects assumed to be co-referring. This degree of confidence, also known as “propositional attitude”, can be described by using the property *P2 has type (is type of)* for the whole of the co-reference activity. No such degree of confidence can be connected to each of the co-referring propositional objects. In the case one E39 Actor creates a E91 Co-Reference Assignment between two or more E89 Propositional Objects and wants to express two or more different propositional attitudes for one E89 Propositional Object, the assertion has accordingly to be divided into one instance of E91 Co-Reference Assignment for each propositional attitude.

Co-reference establishes a link between two or more E89 Propositional Objects. This usually includes one or more E89 Propositional Objects external to the information system in which the E91 Co-Reference Assignment is made. The co-reference target property can be included to point to an E1 Entity within the current information system representing the target of the co-referring propositional objects.

Examples:

§ the assertion that the author name “Hans Jæger” on the title page of the novel “Fra Christiania-Bohêmen” refers to the same historical person as the motive of the painting “Forfatteren Hans Jæger” by Edvard Munch.

§ the assertion that the author name “Hans Jæger” on the title page of the novel “Fra Christiania-Bohêmen” does not refer to the same historical person as the author of the collection of drawings “Til Julebordet : ti Pennetegninger / af H.J.” incorrectly attributed to Hans Jæger in the Bibsys database.

§ *Insert example of the use of P2 has type as describe in the scope notes.*

Properties:

P153 assigned co-reference to (was regarded to co-refer by): E89 Propositional Object

P155 has co-reference target (is co-reference target of): E1 CRM Entity

**Enn Non-Co-Reference Assignment**

Subclass of: E13 Attribute Assignment

Scope note:

Co-reference refers to the fact that two or more propositional objects refer to the same entity. Enn Non-Co-Reference Assignment is used to make claims about the non-existence of such co-reference. It comprises actions of making the assertion that two or more particular instances of E89 Propositional Object does not refer to the same instance of E1 CRM Entity. The assertion is based on the assumption that this was an implicit fact being made explicit by this assignment. Use of this class allows for the full description of the context of this assignment.

The Actor making the assertion may have different degrees of confidence in the truth of the asserted fact of non-co-reference, because it may imply an interpretation of the (past) knowledge behind the propositional objects assumed not to be co-referring. This degree of confidence, also known as “propositional attitude”, can be described by using the property *P2 has type (is type of)* for the whole of the co-reference activity. No such degree of confidence can be connected to each of the non-co-referring propositional objects. In the case one E39 Actor creates a Enn Non-Co-Reference Assignment between two or more E89 Propositional Objects and wants to express two or more different propositional attitudes for one E89 Propositional Object, the assertion has accordingly to be divided into one instance of Enn Non-Co-Reference Assignment for each propositional attitude.

Non-Co-reference establishes a link between two or more E89 Propositional Objects. This usually includes one or more E89 Propositional Objects external to the information system in which the E91 Co-Reference Assignment is made.

P154 assigned non co-reference to (was regarded not to co-refer by): E89 Propositional Object