### 561: Scope-note of P139

Change the definition of P139 has alternative form

#### OLD

**P139 has alternative form**

Domain:

[E41](file:///C%3A%5CUsers%5Cel_ts%5CDropbox%5C52nd%20cidoc%20crm%20sig%5Ccidoc_crm_version_7.1.2.docx#_toc8039) Appellation

Range:

[E41](file:///C%3A%5CUsers%5Cel_ts%5CDropbox%5C52nd%20cidoc%20crm%20sig%5Ccidoc_crm_version_7.1.2.docx#_toc8039) Appellation

Quantification:

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

Scope note:

This property associates an instance of E41 Appellation with another instance of E41 Appellation that constitutes a derivative or variant of the former and that may also be used for identifying items identified by the former, in suitable contexts, independent from the particular item to be identified. This property should not be confused with additional variants of names used characteristically for a single, particular item, such as individual nicknames. It is an asymmetric relationship, where the range expresses the derivative, if such a direction can be established. Otherwise, the relationship is symmetric. The relationship is not transitive.

Multiple names assigned to an object, which do not apply to all things identified with the specific instance of E41 Appellation, should be modelled as repeated values of *P1 is identified by (identifies)* of this object.

*P139.1 has type* allows the type of derivation to be refined, for instance “transliteration from Latin 1 to ASCII”.

Examples:

* "Martin Doerr" (E41) *has alternative form* "Martin Dörr" (E41) *has type* Alternate spelling (E55).
* "Гончарова, Наталья Сергеевна" (E41) *has alternative form* "Gončarova, Natal´â Sergeevna" (E41) *has type* ISO 9:1995 transliteration (E55).
* “Αθήνα” (E41) *has alternative form* “Athina” (E41) *has type* transcription (E55).

In First Order Logic:

P139(x,y) ⇒ E41(x)

P139(x,y) ⇒ E41(y)

P139(x,y,z) ⇒ [P139(x,y) ∧ E55(z)]

P139(x,y) ⇒ P139(y,x)

¬P139(x,x)

Properties:

P139.1 has type: [E55](file:///C%3A%5CUsers%5Cel_ts%5CDropbox%5C52nd%20cidoc%20crm%20sig%5Ccidoc_crm_version_7.1.2.docx#_toc8153) Type

#### NEW

**P139 has alternative form (is alternative form of)**

Domain:

[E41](file:///C%3A%5CUsers%5Cel_ts%5CDropbox%5C52nd%20cidoc%20crm%20sig%5Ccidoc_crm_version_7.1.2.docx#_toc8039) Appellation

Range:

[E41](file:///C%3A%5CUsers%5Cel_ts%5CDropbox%5C52nd%20cidoc%20crm%20sig%5Ccidoc_crm_version_7.1.2.docx#_toc8039) Appellation

Quantification:

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

Scope note:

This property associates an instance of E41 Appellation with another instance of E41 Appellation that constitutes a derivative or variant of the former and that may also be used for identifying items identified by the former, in suitable contexts, independent from the particular item to be identified. This property should not be confused with additional variants of names used characteristically for a single, particular item, such as individual nicknames. It is a directed relationship, where the range expresses the derivative or variant and the domain the source of derivation or original form of variation, if such a direction can be established. Otherwise, the relationship is symmetric. The relationship is not transitive.

Multiple names assigned to an object, which do not apply to all things identified with the specific instance of E41 Appellation, should be modelled as repeated values of *P1 is identified by (identifies)* of this object.

*P139.1 has type* allows the type of derivation to be refined, for instance “transliteration from Latin 1 to ASCII”.

Examples:

* "Martin Doerr" (E41) *has alternative form* "Martin Dörr" (E41) *has type* Alternate spelling (E55).
* "Гончарова, Наталья Сергеевна" (E41) *has alternative form* "Gončarova, Natal´â Sergeevna" (E41) *has type* ISO 9:1995 transliteration (E55).
* “Αθήνα” (E41) *has alternative form* “Athina” (E41) *has type* transcription (E55).

In First Order Logic:

P139(x,y) ⇒ E41(x)

P139(x,y) ⇒ E41(y)

P139(x,y,z) ⇒ [P139(x,y) ∧ E55(z)]

Properties:

P139.1 has type: [E55](file:///C%3A%5CUsers%5Cel_ts%5CDropbox%5C52nd%20cidoc%20crm%20sig%5Ccidoc_crm_version_7.1.2.docx#_toc8153) Type