

Definition of the CRM**ntp**

An Extension of CIDOC CRM to support negative statements

Proposal for approval by CIDOC CRM-SIG

Version 0.1

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# Introduction

This document describes work which uses and extends the CIDOC Conceptual Reference Model (CRM, ISO21127). The CIDOC-CRM definition document should be read before this document. References to the CRM in this document are taken from CRM version XX maintained by CIDOC.

# Scope

# Status

# **CRMntp** class hierarchy, aligned with portions from the CIDOC CRM class hierarchies

This class hierarchy lists:

* all classes declared in <Current Family model>
* all classes declared in <other Family model/s[[1]](#footnote-2)> and CIDOC CRM that are declared as superclasses of classes declared in the <Current Family model>,
* all classes declared in <other Family model/s> or CIDOC CRM that are either domain or range for a property declared in the <Current Family model>,
* all classes declared in <other Family model/s> and CIDOC CRM that are either domain or range for a property declared in <other Family model/s> or CIDOC CRM that is declared as superproperty of a property declared in the <Current Family model>
* all classes declared in <other Family model/s> and CIDOC CRM that are either domain or range for a property that is part of a complete path of which a property declared in <Current Family model> is declared to be a shortcut.

.

<table>

List of external classes used in <Current Family model>

|  |  |  |  |
| --- | --- | --- | --- |
| Class identifier | Class name | Model | Version |
| S4 | Observation | CRMsci | 1.2 |
|  |  |  |  |

# CRMntp property hierarchy, aligned with portions from the CIDOC CRM property hierarchies

This property hierarchy lists:

* all properties declared in <Current Family model>,
* all properties declared in <Other Family model/s>[[2]](#footnote-3), and CIDOC CRM that are declared as superproperties of properties declared in <Current Family model>,
* all properties declared in <Other Family model/s> and CIDOC CRM that are part of a complete path of which a property declared in <Current Family model>, is declared to be a shortcut.

<table>

List of external properties used in <Current Family model>

|  |  |  |  |
| --- | --- | --- | --- |
| Property identifier | Property name | Model | Version |
| P9 | consists of (forms part of) | CRM base | 6.2 |
|  |  |  |  |

# CRMntp Class Declarations

# CRMntp Property Declarations

TP46 is composed of physical thing of type (is type of physical thing composing)

Domain:

E19 Physical Thing

Range:

E55 Type

Subproperty of:

subproperty

Quantification:

1:1

Scope note:

Test scope note

TP56 bears feature of type (is type of feature found on)

Domain:

E19 Physical Thing

Range:

E55 Type

Subproperty of:

E18 Physical Thing. [TP46](#_Ref_id_num_tp46) is composed of physical thing of type: E55 Type

Quantification:

1:1

Scope note:

Test scope note

# Amendments

1. It should be clearly mentioned the versions of other models. For example:

   CRM <family model name> ver. XX [↑](#footnote-ref-2)
2. It should be clearly mentioned the versions of other models. For example:

   CRM <family model name> ver. XX [↑](#footnote-ref-3)