

# Definition of the CRMntp

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<sup>1</sup>> 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.

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<table>

<sup>1</sup> It should be clearly mentioned the versions of other models. For example:  
CRM <family model name> ver. XX

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><sup>2</sup>, 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>

<sup>2</sup> It should be clearly mentioned the versions of other models. For example:  
CRM <family model name> ver. XX

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](#) is composed of physical thing of type: E55 Type

Quantification:  
1:1

Scope note:  
Test scope note

## **Amendments**