Definition of OntSciDoc3D

version 2.0

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Introduction

Scope

First version of the OntSciDoc3D ontology, published on 18-12-2020. It is aligned with **CIDOC CRM version 6.2.2**.

Second version is under construction. It will be aligned with the newest version of Erlangen CRM 211015 based on based on **CIDOC-CRM version 7.1.1**.

Status

Ongoing work

OntSciDoc3D version 1.0 class hierarchy, aligned with portions from the CIDOC CRM hierarchy

This class hierarchy lists:

- all classes declared in OntSciDoc3D version 1.0

- all classes declared in CIDOC CRM version 6.2 that are declared as superclasses of classes declared in the OntSciDoc3D version 1.0

- all classes declared in CIDOC CRM version 6.2 that are either domain or range for a property declared in the OntSciDoc3D version 1.0

Table 1: Class Hierarchy

E1						CRM Entity		
E2	-					Temporal Entity		
E3	-	-				Condition State		
E4	-	-				Period		
E5	-	-	-			Event		
osd_5a	**-**	**-**	**-**	**-**		**Historical Event**		
E7	-	-	-	-		Activity		
osd_7a	**-**	**-**	**-**	**-**	**-**	**Research Activity**		
osd_7b	**-**	**-**	**-**	**-**	**-**	**Membership**		
osd_7c	**-**	**-**	**-**	**-**	**-**	**Documentation**		
E8	-	-	-	-	-	Acquisition		
E96	-	-	-	-	-	-	Purchase	
E9	-	-	-	-	-	Move		
E10	-	-	-	-	-	Transfer of Custody		
E11	-	-	-	-	-	Modification		
osd_11a	**-**	**-**	**-**	**-**	**-**	**Modification**		Class repetition
E12	-	-	-	-	-	-	Production	

ID	Level	Label	Note
osd_12a	- - - - - - -	**Production**	Class repetition
E79	- - - - - -	Part Addition	
E80	- - - - - -	Part Removal	
E13	- - - - -	Attribute Assignment	
osd_13a	- - - - -	**Topic Assignment**	
osd_13b	- - - - -	**Context Assignment**	
osd_13c	- - - - -	**Location Assignment**	
osd_13d	- - - - -	**Role Assignment**	
osd_13e	- - - - -	**Date Assignment**	
E14	- - - - -	Condition Assessment	
E15	- - - - -	Identifier Assignment	
E16	- - - - -	Measurement	
E17	- - - - -	Type Assignment	
E65	- - - -	Creation	
osd_65a	- - - - -	**Production**	Class repetition
E83	- - - - -	Type Creation	
E66	- - - -	Formation	
E85	- - - -	Joining	
E86	- - - -	Leaving	
E87	- - - -	Curation Activity	
E63	- - -	Beginning of Existence	
E67	- - - -	Birth	
osd_67a	- - - - -	**Birth**	Class repetition
E81	- - - -	Transformation	
E12	- - - -	*Production*	
osd_12a	- - - - -	*Production*	Class repetition
E65	- - - -	*Creation*	
osd_65a	- - - - -	*Production*	Class repetition
E83	- - - - -	*Type Creation*	
E66	- - - -	*Formation*	
E64	- - -	End of Existence	
E6	- - - -	Destruction	
E68	- - - -	Dissolution	

ID	Hierarchy	Name	Notes
E69	- - - - -	Death	
osd_69a	**- - - - - -**	**Death**	Class repetition
E81	- - - - -	*Transformation*	
E77	-	Persistent Item	
E70	- -	Thing	
E72	- - -	Legal Object	
E18	- - - -	Physical Thing	
E19	- - - - -	Physical Object	
E20	- - - - - -	Biological Object	
E21	- - - - - - -	Person	
osd_21a	**- - - - - - - -**	**Person**	Class repetition
E22	- - - - - -	Human-Made Object	
osd_22a	**- - - - - - - -**	**Object**	
E24	- - - - -	Physical Human-Made Thing	
E22	- - - - - -	*Human-Made Object*	
osd_22a	**- - - - - - - -**	**Object**	
E25	- - - - - -	Human-Made Feature	
E78	- - - - - -	Curated Holding	
E26	- - - - -	Physical Feature	
E27	- - - - - -	Site	
E25	- - - - - -	*Human-Made Feature*	
E90	- - - -	Symbolic Object	
E73	- - - - -	Information Object	
osd_73a	**- - - - - -**	**3D Reconstruction**	
osd_73b	**- - - - - -**	**3D Reconstruction Version**	*Change Parent to osd_73a*
osd_73c	**- - - - - -**	**3D Reconstruction Variant**	*Change Parent to osd_73a*
E29	- - - - - -	Design or Procedure	
E31	- - - - - -	Document	
osd_31a	**- - - - - - -**	**Annotation**	
osd_31b	**- - - - - - -**	**Source**	
osd_31c	**- - - - - - -**	**Comment**	
osd_31d	**- - - - - - -**	**Note**	
osd_31e	**- - - - - - -**	**Article**	

ID	Level	Name	Note
E32	- - - - - -	Authority Document	
osd_32a	- - - - - - -	**Authority Document**	Class repetition
E33	- - - - -	Linguistic Object	
E34	- - - - - -	Inscription	
E35	- - - - - -	Title	
osd_35a	- - - - - - -	**Object Title**	Deprecated
osd_35b	- - - - - - -	**Source Title**	Deprecated
osd_35c	- - - - - - -	**Source Subtitle**	*To Merge with one below*
osd_35d	- - - - - - -	**Object Subtitle**	*To Merge with one above*
osd_35e	- - - - - - -	**Object Alternative Title**	
E36	- - - - -	Visual Item	
E37	- - - - - -	Mark	
E34	- - - - - - -	*Inscription*	
E41	- - - - -	Appellation	
osd_41a	- - - - - -	**Research Activity Appellation**	Deprecated
osd_41b	- - - - - -	**Sub Research Activity Appellation**	Deprecated
osd_41c	- - - - - -	**Historical Event Appellation**	Deprecated
osd_47a	- - - - - -	**Spatial Coordinates**	Parent class is deleted
osd_50a	- - - - - -	**Verbal Date**	Parent class is deleted
osd_50b	- - - - - -	**Editorial Date**	Parent class is deleted
osd_51a	- - - - - -	**Authority File Url**	Parent class is deleted
osd_51b	- - - - - -	**Sketchfab Url**	Parent class is deleted
osd_51c	- - - - - -	**Preview Image Url**	Parent class is deleted
osd_51d	- - - - - -	**Image Url**	Parent class is deleted
osd_51e	- - - - - -	**File Url**	Parent class is deleted
osd_51f	- - - - - -	**Source Url**	Parent class is deleted
osd_51g	- - - - - -	**Corporate Body Url**	Parent class is deleted
osd_51h	- - - - - -	**Annotation Url**	Parent class is deleted

osd_51i	-	-	-	-	-	-	Sketchfab Url	Parent class is deleted
osd_75a	-	-	-	-	-	-	Type Apellation	Parent class is deleted
osd_75b	-	-	-	-	-	-	Broader Type Appellation	Parent class is deleted
osd_75c	-	-	-	-	-	-	Topic Appellation	Parent class is deleted
osd_75d	-	-	-	-	-	-	Context Appellation	Parent class is deleted
osd_75e	-	-	-	-	-	-	Certainty Value Type Appellation	Parent class is deleted
osd_75f	-	-	-	-	-	-	Primary Source Type Appellation	Parent class is deleted
osd_75g	-	-	-	-	-	-	Person Type Appellation	Parent class is deleted
osd_75h	-	-	-	-	-	-	Historical Actor Type Appellation	Parent class is deleted
osd_75i	-	-	-	-	-	-	Editing Status Appellation	Parent class is deleted
osd_75j	-	-	-	-	-	-	Right Status Appellation	Parent class is deleted
osd_75k	-	-	-	-	-	-	Material Appellation	Parent class is deleted
osd_75l	-	-	-	-	-	-	Religion Appellation	Parent class is deleted
osd_75m	-	-	-	-	-	-	Technique Appellation	Parent class is deleted
osd_75n	-	-	-	-	-	-	Research Type Appellation	Parent class is deleted
osd_75o	-	-	-	-	-	-	Object Type Appellation	Parent class is deleted
osd_75p	-	-	-	-	-	-	Source Type Appellation	Parent class is deleted
osd_75q	-	-	-	-	-	-	Historical Event Type Appellation	Parent class is deleted
osd_75r	-	-	-	-	-	-	3D Reconstruction Type Appellation	Parent class is deleted
osd_75s	-	-	-	-	-	-	Corporate Body Type Appellation	Parent class is deleted
osd_75t	-	-	-	-	-	-	Detail Level Type Appellation	Parent class is deleted
osd_75u	-	-	-	-	-	-	Alternative Type Appellation	Parent class is deleted
osd_75v	-	-	-	-	-	-	Property Type Appellation	Parent class is deleted
osd_82a	-	-	-	-	-	-	Person Name	Parent class is deleted
osd_82b	-	-	-	-	-	-	Corporate Body Name	Parent class is deleted

ID							Label	Comment
osd_82c	-	-	-	-	-		Person Alternative Name	Parent class is deleted
osd_82d	-	-	-	-	-		Corporate Body Alternative Name	Parent class is deleted
E42	-	-	-	-	-		Identifier	
osd_42a	-	-	-	-	-	-	Authority Document Identifier	Deprecated (?)
osd_42b	-	-	-	-	-	-	Type ID	Deprecated (?)
osd_42c	-	-	-	-	-	-	Actor ID	Deprecated (?)
osd_42d	-	-	-	-	-	-	Corporate Body ID	Deprecated (?)
osd_42e	-	-	-	-	-	-	Place ID	Deprecated (?)
osd_42f	-	-	-	-	-	-	Inventory Number	Deprecated (?)
osd_42g	-	-	-	-	-	-	Language Identifier	Deprecated (?)
E35	-	-	-	-	-		Title	
osd_35a	-	-	-	-	-	-	Object Title	Deprecated
osd_35b	-	-	-	-	-	-	Source Title	Deprecated
osd_35c	-	-	-	-	-	-	Source Subtitle	To Merge with one below
osd_35d	-	-	-	-	-	-	Object Subtitle	To Merge with one above
osd_35e	-	-	-	-	-	-	Object Alternative Title	
E95	-	-	-	-	-		Spacetime Primitive	
E94	-	-	-	-	-		Space Primitive	
E61	-	-	-	-	-		Time Primitive	
E71	-	-	-				Human-Made Thing	
E24	-	-	-				Physical Human-Made Thing	
E22	-	-	-	-			Human-Made Object	
osd_22a	-	-	-	-	-		Object	
E25	-	-	-	-			Human-Made Feature	
E78	-	-	-	-			Curated Holding	
E28	-	-	-				Conceptual Object	
E90	-	-	-	-			Symbolic Object	
E73	-	-	-	-	-		Information Object	
osd_73a	-	-	-	-	-	-	3D Reconstruction	
osd_73b	-	-	-	-	-	-	3D Reconstruction Version	Change Parent to osd_73a
osd_73c	-	-	-	-	-	-	3D Reconstruction Variant	Change Parent to osd_73a

ID								Name	Note
E29	-	-	-	-	-	-		Design or Procedure	
E31	-	-	-	-	-	-		Document	
osd_31a	-	-	-	-	-	-	-	**Annotation**	
osd_31b	-	-	-	-	-	-	-	**Source**	
osd_31c	-	-	-	-	-	-	-	**Comment**	
osd_31d	-	-	-	-	-	-	-	**Note**	
osd_31e	-	-	-	-	-	-	-	**Article**	
E32	-	-	-	-	-	-	-	Authority Document	
osd_32a	-	-	-	-	-	-	-	**Authority Document**	Class
E33	-	-	-	-	-	-		Linguistic Object	
E34	-	-	-	-	-	-	-	Inscription	
E35	-	-	-	-	-	-	-	Title	
osd_31a	-	-	-	-	-	-	-	**Object Title**	
osd_31b	-	-	-	-	-	-	-	**Source Title**	
osd_31c	-	-	-	-	-	-	-	**Source Subtitle**	To Merge with one below
osd_31d	-	-	-	-	-	-	-	**Object Subtitle**	To Merge with one above
osd_31e	-	-	-	-	-	-	-	**Object Alternative Title**	
E36	-	-	-	-	-	-	-	Visual Item	
E37	-	-	-	-	-	-	-	Mark	
E34	-	-	-	-	-	-	-	Inscription	
E41	-	-	-	-	-	-		Appellation	
osd_41a	-	-	-	-	-	-		**Research Activity Appellation**	Deprecated
osd_41b	-	-	-	-	-	-		**Sub Research Activity Appellation**	Deprecated
osd_41c	-	-	-	-	-	-		**Historical Event Appellation**	Deprecated
osd_47a	-	-	-	-	-	-		**Spatial Coordinates**	Parent class is deleted
osd_47b	-	-	-	-	-	-		**Verbal Date**	Parent class is deleted
osd_47c	-	-	-	-	-	-		**Editorial Date**	Parent class is deleted
osd_47d	-	-	-	-	-	-		**Authority File Url**	Parent class is deleted
osd_47e	-	-	-	-	-	-		**Sketchfab Url**	Parent class is deleted
E42	-	-	-	-	-	-		Identifier	
E35	-	-	-	-	-	-		Title	

ID									Class	Note
E95	-	-	-	-	-	-			*Spacetime Primitive*	
E94	-	-	-	-	-	-			*Space Primitive*	
E61	-	-	-	-	-	-			*Time Primitive*	
E89	-	-	-	-					Propositional Object	
E73	-	-	-	-	-				*Information Object*	
E29	-	-	-	-	-	-			*Design or Procedure*	
E31	-	-	-	-	-	-			*Document*	
E32	-	-	-	-	-	-	-		*Authority Document*	
E33	-	-	-	-	-	-			*Linguistic Object*	
E34	-	-	-	-	-	-	-		*Inscription*	
E35	-	-	-	-	-	-	-		*Title*	
E36	-	-	-	-	-	-			*Visual Item*	
E37	-	-	-	-	-	-	-		*Mark*	
E34	-	-	-	-	-	-	-	-	*Inscription*	
E30	-	-	-	-	-				Right	
E55	-	-	-	-					Type	
E56	-	-	-	-	-				Language	
E57	-	-	-	-	-				Material	
E58	-	-	-	-	-				Measurement Unit	
E98	-	-	-	-	-	-			Currency	
E99	-	-	-	-	-				Product Type	
E39	-	-							Actor	
E74	-	-	-						Group	
E21	-	-	-						*Person*	
E52	-								Time-Span	
osd_52a	-	-							**Time-Span**	Class repetition
osd_52b	-	-							**Editorial Timespan**	Deprecated
E53	-								Place	
E54	-								Dimension	
E97	-	-							Monetary Amount	
E92	-								Spacetime Volume	
E4	-	-							*Period*	
E5	-	-	-						*Event*	

E7	-	-	-	-	Activity	
E8	-	-	-	-	- Acquisition	
E96	-	-	-	-	- Purchase	
E9	-	-	-	-	- Move	
E10	-	-	-	-	- Transfer of Custody	
E11	-	-	-	-	- Modification	
osd_11a	-	-	-	-	-	- *Modification*	Class repetition
E12	-	-	-	-	-	- Production	
E79	-	-	-	-	-	- Part Addition	
E80	-	-	-	-	-	- Part Removal	
E13	-	-	-	-	- Attribute Assignment	
E14	-	-	-	-	-	- Condition Assessment	
E15	-	-	-	-	-	- Identifier Assignment	
E16	-	-	-	-	-	- Measurement	
E17	-	-	-	-	-	- Type Assignment	
E65	-	-	-	-	- Creation	
E83	-	-	-	-	-	- Type Creation	
E66	-	-	-	-	- Formation	
E85	-	-	-	-	- Joining	
E86	-	-	-	-	- Leaving	
E87	-	-	-	-	- Curation Activity	
E63	-	-	-	- Beginning of Existence	
E67	-	-	-	-	- Birth	
E81	-	-	-	-	- Transformation	
E12	-	-	-	-	- Production	
E65	-	-	-	-	- Creation	
E83	-	-	-	-	-	- Type Creation	
E66	-	-	-	-	- Formation	
E64	-	-	-	- End of Existence	
E6	-	-	-	-	- Destruction	
E68	-	-	-	-	- Dissolution	
E69	-	-	-	-	- Death	
E81	-	-	-	-	- Transformation	

E93	-	-	Presence	
E59	-	Primitive Value		
E60	-	-	Number	
E61	-	-	*Time Primitive*	
E62	-	-	String	
E94	-	-	*Space Primitive*	
E95	-	-	*Spacetime Primitive*	
E11	Modification			Modification
osd_11a	-			Modification
E12	Production			
osd_12a	-			Production
E13	Attribute Assignment			
osd_13f	-			Documentation Assignment
osd_13g	-			Alternative Title Assignment
osd_13a	-			Topic Assignment
osd_13h	-			Right Status Assignment
osd_13b	-			Context Assignment
osd_13c	-			Location Assignment
osd_13d	-			Role Assignment
osd_13e	-			Date Assignment
E21	Person			
osd_21a	-			Person
E22	Man-Made Object			
osd_22a	-			Object
E24	Physical Man-Made Thing			
osd_24a	-			Physical Source
E30	Right			
osd_30a	-			Copy Right
E31	Document			
osd_31e	-			Article
osd_31a	-			Annotation
osd_31b	-			Source
osd_31b	-			Source
osd_31c	-			Comment

E32	Authority Document		
osd_32a	-		Authority Document
E35	Title		
osd_35a	-		Object Title
osd_35b	-		Source Title
osd_35c	-		Source Subtitle
osd_35d	-		Object Subtitle
osd_35e	-		Object Alternative Title
E41	Appellation		
osd_41b	-		Sub Research Activity Appellation
osd_41c	-		Historical Event Appellation
osd_41a	-		Research Activity Appellation
E42	Identifier		
osd_42a	-		Authority Document Identifier
osd_42b	-		Type ID
osd_42d	-		Corporate Body ID
osd_42c	-		Actor ID
osd_42e	-		Place ID
osd_42f	-		Inventory Number
osd_42g	-		Language Identifier
E44	Place Appellation		
osd_44a	-		Place Appellation
osd_44b	-		Alternative Place Appellation
osd_44c	-		Location Appellation
E47	Spatial Coordinates		
osd_47a	-		Spatial Coordinates
E5	Event		
osd_5a	-		Historical Event
E50	Date		
osd_50a	-		Verbal Date
osd_50b	-		Editorial Date
E51	Contact Point		
osd_51d	-		Image Url
osd_51e	-		File Url

osd_51f	-		Source Url
osd_51g	-		Corporate Body Url
osd_51h	-		Annotation Url
osd_51a	-		Authority File Url
osd_51b	-		Sketchfab Url
E52	Time-Span		
osd_52a	-		Time Span
osd_52b	-		Editorial Timespan
E53	Place		
osd_53a	-		Place
osd_53b	-		Location
osd_53c	-		Source Section
E55	Type		
osd_55b	-		Broader Type
osd_55i	-		3D Reconstruction Type
osd_55o	-		Religion
osd_55c	-		Research Activity Type
osd_55j	-		Certainty Value Type
osd_55p	-		Technique
osd_55d	-		Object Type
osd_55k	-		Primary Source Type
osd_55q	-		Detail Level Type
osd_55f	-		Historical Event Type
osd_55e	-		Source Type
osd_55l	-		Historical Actor Type
osd_55g	-		Person Type
osd_55m	-		Editing Status
osd_55a	-		Type
osd_55h	-		Corporate Body Type
osd_55n	-		Right Status
E56	Language		
osd_56a	-		Language
E57	Material		
osd_57a	-		Material

E65	Creation		
osd_65a	-		Production
E67	Birth		
osd_67a	-		Birth
E7	Activity		
osd_7a	-		Research Activity
osd_7b	-		Membership
osd_7c	-		Documentation
E71	Man-Made Thing		
osd_31d	-		Note
osd_51c	-		Preview Image Url
E73	Information Object		
osd_73a	-		3D Reconstruction
osd_73b	-		3D Reconstruction Version
osd_73c	-		3D Reconstruction Variation
E74	Group		
osd_74a	-		Corporate Body
E75	Conceptual Object Appellation		
osd_75e	-		Certainty Value Type Appellation
osd_75j	-		Right Status Appellation
osd_75o	-		Object Type Appellation
osd_75s	-		Corporate Body Type Appellation
osd_75a	-		Type Apellation
osd_75f	-		Primary Source Type Appellation
osd_75k	-		Material Appellation
osd_75p	-		Source Type Appellation
osd_75t	-		Detail Level Type Appellation
osd_75b	-		Broader Type Appellation
osd_75g	-		Person Type Appellation
osd_75l	-		Religion Appellation
osd_75u	-		Alternative Type Appellation
osd_75c	-		Topic Appellation
osd_75h	-		Historical Actor Type Appellation
osd_75m	-		Technique Appellation

osd_75q	-		Historical Event Type Appellation
osd_75d	-		Context Appellation
osd_75i	-		Editing Status Appellation
osd_75n	-		Research Type Appellation
osd_75r	-		3D Reconstruction Type Appellation
E82	Actor Appellation		
osd_82a	-		Person Name
osd_82b	-		Corporate Body Name
osd_82d	-		Corporate Body Alternative Name
E84	Information Carrier		
osd_84a	-		Source Part
E89	Propositional Object		
osd_89a	-		Topic
osd_89b	-		Context

List of external classes used in OntSciDoc3D version 1.0

Table 2: List of external classes grouped by model and ordered by model (exception: CRMbase always goes first) and then by class identifier.

Class identifier	Class name	Model	Version
E5	Event	CIDOC CRM	6.2
E7	Activity	CIDOC CRM	6.2
E11	Modification	CIDOC CRM	6.2
E12	Production	CIDOC CRM	6.2
E13	Attribute Assignment	CIDOC CRM	6.2
E21	Person	CIDOC CRM	6.2
E22	Man-Made Object	CIDOC CRM	6.2
E24	Physical Man-Made Thing	CIDOC CRM	6.2
E30	Right	CIDOC CRM	6.2
E31	Document	CIDOC CRM	6.2
E32	Authority Document	CIDOC CRM	6.2
E35	Title	CIDOC CRM	6.2
E41	Appellation	CIDOC CRM	6.2

E42	Identifier	CIDOC CRM	6.2
E44	Place Appellation	CIDOC CRM	6.2
E47	Spatial Coordinates	CIDOC CRM	6.2
E50	Date	CIDOC CRM	6.2
E51	Contact Point	CIDOC CRM	6.2
E52	Time-Span	CIDOC CRM	6.2
E53	Place	CIDOC CRM	6.2
E55	Type	CIDOC CRM	6.2
E56	Language	CIDOC CRM	6.2
E57	Material	CIDOC CRM	6.2
E65	Creation	CIDOC CRM	6.2
E67	Birth	CIDOC CRM	6.2
E71	Man-Made Thing	CIDOC CRM	6.2
E73	Information Object	CIDOC CRM	6.2
E74	Group	CIDOC CRM	6.2
E75	Conceptual Object Appellation	CIDOC CRM	6.2
E82	Actor Appellation	CIDOC CRM	6.2
E84	Information Carrier	CIDOC CRM	6.2
E89	Propositional Object	CIDOC CRM	6.2

OntSciDoc3D version 1.0 property hierarchy, aligned with portions from the CIDOC CRM hierarchy

This property hierarchy lists:

- all properties declared in OntSciDoc3D version 1.0

- all properties declared in CIDOC CRM version 6.2 that are declared as superproperties of properties declared in the OntSciDoc3D version 1.0

Table 3: Property Hierarchy

Property id	Property Name	Entity – Domain	Entity - Range
P12	occurred in the presence of (was present at)	E5 Event	E77 Persistent Item
P12_1	- created (was created by)	osd_7a Research Activity	osd_73a 3D Reconstruction
P130	shows features of (features are also found on)	E70 Thing	E70 Thing
P130_1	- is similar to (is similar to)	osd_22a Object	osd_22a Object
P130_2	- is equal to (is equal to)	osd_22a Object	osd_22a Object

List of external properties used in OntSciDoc3D version 1.0

Table 4: List of external properties grouped by model and ordered by model and then by property identifier.

P12	occurred in the presence of (was present at)	CIDOC CRM	6.2
P130	shows features of (features are also found on)	CIDOC CRM	6.2

OntSciDoc3D version 1.0 Class Declarations

The classes are comprehensively declared in this section using the following format:

- Class names are presented as headings in bold face, preceded by the class' unique identifier;

- The line "Subclass of:" declares the superclass of the class from which it inherits properties;

- The line "Superclass of:" is a cross-reference to the subclasses of this class;

- The line "Scope note:" contains the textual definition of the concept the class represents;

- The line "Examples:" contains a bulleted list of examples of instances of this class.

- The line "Properties:" declares the list of the class's properties;

- Each property is represented by its unique identifier, its forward name and the range class that it links to, separated by colons;

- Inherited properties are not represented;

osd_5a Historical Event

Subclass of:

> E5 Event

Scope note:

> This class comprises historical events concerning the social-cultural context of objects and sources which are related to the 3D reconstruction process or the created 3D model.

Examples:

> Destruction of a church
>
> Design Competition for a building

osd_7a Research Activity

Subclass of:

> E7 Activity

Scope note:

> This class comprises all activities that are concerned with the creation of sources used for 3D reconstruction or with the creation of 3D models.

Examples:

> Interview with witnesses (e.g. Jewish community) on the interior design of lost German Synagogues
>
> Architectural survey of a building
>
> Photographic documentation of an object
>
> Reconstruction of a 3D Model

Properties:

> P12_1 created (was created by): osd_73a 3D Reconstruction

osd_7b Membership

Subclass of:

> E7 Activity

Scope note:

> This class comprises activities of a osd_21a Person as a member of a osd_74a Corporate Body.

Examples:

> Student is a member of a university.
>
> Architect is a member of a Architect Society.

osd_7c Documentation

Subclass of:

> E7 Activity

Scope note:

This class comprises actions intentionally carried out by instances of osd_21a Person that result in changes of an entity form in database.

Examples:

Change of the entity name of the entry in database

osd_11a Modification (to delete)

Comment:

Scope note is very similar to E11 Modification. The difference is only in class, which is applied to (E22 Physical Human-Made Thing / osd_22a Object). Due to the lack of other differences in meaning, osd11_Modification can be deleted

Subclass of:

E11 Modification

This class comprises instances of E7 Activity that are undertaken to create, alter or change instances of E24 Physical Human-Made Thing.
This class includes the production of an item from raw materials and other so far undocumented objects. It also includes the conservation treatment of an object. Since the distinction between modification and production is not always clear, modification is regarded as the more generally applicable concept. This implies that some items may be consumed or destroyed in an instance of E11 Modification, and that others may be produced as a result of it. An event should also be documented using an instance of E81 Transformation if it results in the destruction of one or more objects and the simultaneous production of others using parts or material from the originals. In this case, the new items have separate identities. An activity undertaken on an object which was designed to alter it, but which, in fact, it did not in any seemingly significant way (such as the application of a solvent during conservation which failed to dissolve any part of the object), is still considered as an instance of E11 Modification. Typically, any such activity will leave at least forensic traces of evidence on the object.

Scope note:

This class comprises all instances of activities that create, alter or change osd_22a Object.

This class includes the production of an item from raw materials, and other so far undocumented objects, and the preventive treatment or restoration of an object for conservation.

Modification is regarded as the more generally applicable concept. This implies that some items may be destroyed in a Modification, and that others may be produced as a result of it.

osd_12a Production (to delete)

Scope note is identical to beginning of E12 Production. It means that there are no differences between classes, they can be used as exchange. That is why osd_12a Production can be deleted.

Subclass of:

E12 Production

This class comprises activities that are designed to, and succeed in, creating one or more new items.
It specializes the notion of modification into production. The decision as to whether or not an object is regarded as new is context sensitive. Normally, items are considered "new" if there is no obvious overall similarity between them and the consumed items and material used in their production. In other cases, an item is considered "new" because it becomes relevant to documentation by a modification. For example, the scribbling of a name on a potsherd may make it a voting token. The original potsherd may not be worth documenting, in contrast to the inscribed one.
This entity can be collective: the printing of a thousand books, for example, would normally be considered a single event.
An event should also be documented using an instance of E81 Transformation if it results in the destruction of one or more objects and the simultaneous production of others using parts or material from the originals. In this case, the new items have separate identities and matter is preserved, but identity is not.

Scope note:

This class comprises activities that are designed to, and succeed in, creating one or more new items.

osd_13a Topic Assignment

Subclass of:

E13 Attribute Assignment

Scope note:

This class comprises the actions of making assertions about properties of osd_89a_Topic.

osd_13b Context Assignment

Subclass of:

E13 Attribute Assignment

Scope note:

This class comprises actions of making assertions about properties of osd_89b_Context.

osd_13c Location Assignment

Subclass of:

E13 Attribute Assignment

Scope note:

This class comprises actions of making attributions of locations to an osd_22a Object, i.e. addresses and spatial coordinates.

osd_13d Role Assignment

Subclass of:

E13 Attribute Assignment

Scope note:

This class comprises actions of making attributions of a certain role to instances of osd_21a Person within a production or modification event.

osd_13e Date Assignment

Subclass of:

E13 Attribute Assignment

Scope note:

This class comprises the actions of making assertions about properties of osd_52a Timespan.

osd_13f Documentation Assignment

Subclass of:

E13 Attribute Assignment

Scope note:

This class comprises the actions of making assertions about properties of osd_7c Documentation.

osd_13g Alternative Title Assignment

Subclass of:

E13 Attribute Assignment

Scope note:

This class comprises the actions of making assertions about properties of all alternative titles or names, i.e. osd_35e Object Alternative Title.

osd_13h Right Status Assignment

Subclass of:

E13 Attribute Assignment

Scope note:

This class comprises the actions of making attributions of status of rights to a source or 3D Model.

osd_21a Person (to delete)

Comment:

Scope note is identical to beginning of E21 Person. It means that there are no differences between classes, they can be used as exchange. That is why osd_21a Person can be deleted.

Subclass of:

E21 Person

<mark>This class comprises real persons who live or are assumed to have lived.</mark> Legendary figures that may have existed, such as Ulysses and King Arthur, fall into this class if the documentation refers to them as historical figures. In cases where doubt exists as to whether several persons are in fact identical, multiple instances can be created and linked to indicate their relationship. The CIDOC CRM does not propose a specific form to support reasoning about possible identity.

In a bibliographic context, a name presented following the conventions usually employed for personal names will be assumed to correspond to an actual real person (an instance of E21 Person), unless evidence is available to indicate that this is not the case. The fact that a persona may erroneously be classified as an instance of E21 Person does not imply that the concept comprises personae.

Scope note:

<mark>This class comprises real persons who live or are assumed to have lived.</mark>

osd_22a Object

Comment:

The conducted research revealed the necessity of distinction subclasses in the order of proper objects documentation as it follows:

(1) Settlements & Lanscapes

(2) Complexes & Districts

(3) Open (public) spaces

(4) Single Built Work

(5) Building Component

(6) Furnishing & Equipment

(7) General Object

All these subclasses would correspond to their equivalents in the Getty AAT.

Specifying that the osd_22a Object class can also correspond to objects that may not have existed at all raises doubts due to the need to have physical properties (as indicated by the superclass).

Subclass of:

E22 Man-Made Object

This class comprises all persistent physical objects of any size that are purposely created by human activity and have physical boundaries that separate them completely in an objective way from other objects.
The class also includes all aggregates of objects made for functional purposes of whatever kind, independent of physical coherence, such as a set of chessmen.

This class comprises objects which were physically built but also objects that of whom i is not clear if they are really existed. The underlying assumption is that an object has sufficient backing sources, otherwise it would not be chosen for reconstruction. This class comprises also objects (also no longer existing objects), which are used for reconstruction, i.e. a chair on a photo, when the chair is reconstructed. The photo is therefore not an instance of this class.

Examples:

New Synagogue of Breslau

Choir of a church

Clock

Painting

Properties:

P130_1 is similar to (is similar to): osd_22a Object

P130_2 is equal to (is equal to): osd_22a Object

osd_24a Physical Source

Comment:

Class can be interpreted as a source carrier (physical item, which contains the source as an image, text, map, etc.).

Subclass of:

E24 Physical Man-Made Thing

Scope note:

This class comprises instances of the actual physical or material osd_31b Source that can have a keeper. Instances of osd_31b_Source are by definition an immaterial item and therefore could not have a keeper.

osd_30a Copy Right

Subclass of:

E30 Right

Scope note:

This class comprises legal privileges concerning material and immaterial things or their derivatives. These include copy rights of a osd_31b Source or osd_73a 3D_Reconstruction.

osd_31a Annotation

Subclass of:

E31 Document

Scope note:

This class comprises descriptive information made by a member of the project in the process of reconstruction or research, hence annotation.

osd_31b Source

Subclass of:

E31 Document

Scope note:

This class comprises sources that were consulted during the process of creation of a 3D reconstruction. Documents are immaterial items, such as texts, drawings, images. They can also be created in a osd_7a Research Activity.

osd_31c Comment

Subclass of:

E31 Document

Scope note:

This class comprises descriptive information made by a member of the project based on archival research.

osd_31d Note

Subclass of:

E71 Man-Made Thing

Scope note:

This class comprises explanatory notes on production dates of instances of osd_31b Source and osd_22a Object, as well as on historical titles (instances of osd_35e Object Alternative Title).

osd_31e Article

Subclass of:

E31 Document

Scope note:

This class comprises descriptive information concerning the sociocultural context.

osd_32a Authority Document (to delete)

Comment:

Scope note is nearly identical to scope note of parent class (E32). It means that there are no need to have those two classes, they can be basically used as exchange. That's why osd_32a can be deleted.

Subclass of:

E32 Authority Document

This class comprises encyclopaedia, thesauri, authority lists and other documents that define terminology or conceptual systems for consistent use.

Scope note:

Examples:

Getty AAT

GND

Geonames

osd_35a Object Title (to delete)

Comment:

Class E35 Title can be used instead.

Subclass of:

E35 Title

Scope note:

This class comprises titles assigned to instances of osd_22a Object.

osd_35b Source Title (to delete)

Comment:

Class E35 Title can be used instead.

Subclass of:

E35 Title

Scope note:

This class comprises titles assigned to instances of osd_31b Source.

osd_35c Source Subtitle (modification?)

Comment:

Subclass of:

E35 Title

Scope note:

This class comprises the altenative titles assigned to osd_31b Source, i.e. nomenclature.

osd_35d Object Subtitle (to delete)

Comment:

Class is to specific. Check comment on osd_35c Source Subtitle.

Subclass of:

E35 Title

Scope note:

This class comprises the altenative titles assigned to osd_22a Object, i.e. especially for title parts which include the socalled nomenclature.

osd_35e Object Alternative Title

Subclass of:

E35 Title

Scope note:

This class comprises the altenative titles assigned to osd_22a Object, i.e. especially traditional names or names mentioned in sources.

osd_41a Research Activity Appellation (to delete)

Comment:

Subclass of:

E41 Appellation

Scope note:

This class comprises appellations, that are used or can be used to refer to and identify a specific instance of osd_7a Research_Activity.

osd_41b Sub Research Activity Appellation (to delete)

Comment:

Subclass of:

E41 Appellation

Scope note:

This class comprises appellations, that are used or can be used to refer to and identify a specific instance of osd_7a_Research_Activity, i.e. Nomenclature as subtitle.

osd_41c Historical Event Appellation (to delete)

Comment:

Subclass of:

E41 Appellation

Scope note:

This class comprises appellation, that are used or can be used to refer to and identify a specific instance of osd_5a Historical_Event.

osd_42a Authority Document Identifier

Comment:

Classes from osd_42a to osd_42g could be replaced with E42 Identifier.

Subclass of:

E42 Identifier

This class comprises strings or codes assigned to instances of E1 CRM Entity in order to identify them uniquely and permanently within the context of one or more organisations. Such codes are often known as inventory numbers, registration codes, etc. and are typically composed of alphanumeric sequences. Postal addresses, telephone numbers, urls and e-mail addresses are characteristic examples of identifiers used by services transporting things between clients.
The class E42 Identifier is not normally used for machine-generated identifiers used for automated processing unless these are also used by human agents.

Scope note:

Acronyms for well known Authority Files.

Examples:

GND

Getty AAT

osd_42b Type ID

Subclass of:

E42 Identifier

Scope note:

This class comprises strings or codes assigned to instances of osd_55a Type and osd_55b Broader Type in order to identify them uniquely and permanently within the context of one or more organisations or an authority document, can be an acronym.

osd_42c Actor ID

Subclass of:

E42 Identifier

Scope note:

This class comprises strings or codes assigned to instances of osd_21a Person in order to identify them uniquely and permanently within the context of one or more organisations or an authority document, can be an acronym.

osd_42d Corporate Body ID

Subclass of:

E42 Identifier

Scope note:

This class comprises strings or codes assigned to instances of osd_74a Corporate Body in order to identify them uniquely and permanently within the context of one or more organisations or an authority document, can be an acronym.

osd_42e Place ID

Subclass of:

E42 Identifier

Scope note:

This class comprises strings or codes assigned to instances of osd_53a Place in order to identify them uniquely and permanently within the context of one or more organisations or an authority document, can be an acronym and are not coordinates.

osd_42f Inventory Number

Subclass of:

E42 Identifier

Scope note:

Identifier of instances of osd_22a Object and osd_24a Physical Source in archives, libraries and collections.

osd_42g Language Identifier

Subclass of:

E42 Identifier

Scope note:

It is recommended that internationally or nationally agreed codes and terminology are used to denote instances of E56 Language, such as those efined in ISO 639:1988.

Examples:

el [Greek]

en [English]

eo [Esperanto]

es [Spanish]

fr [French]

osd_44a Place Appellation (to delete)

Comment:

Class E41 Appellation can be used instead.

Subclass of:

E44 Place Appellation

Scope note:

This class comprises any sort of identifier characteristically used to refer to osd_53a Place.

osd_44b Alternative Place Appellation (to delete)

Subclass of:

E44 Place Appellation

Scope note:

Alternative Names for osd_53a Places.

~~osd_44c Location Appellation (to delete)~~

Subclass of:

E44 Place Appellation

Scope note:

Appellations for instances of osd_53b Location, these can have parts of addresses as well.

osd_47a Spatial Coordinates

Subclass of:

E47 Spatial Coordinates

Scope note:

This class comprises the textual or numeric information required to locate specific instances of osd_53a Place and osd_53b Location within schemes of spatial

identification.

osd_50a Verbal Date

Subclass of:

E50 Date

Scope note:

Inaccurate Date with numbers and letters, i.e. c. 1560 or 2nd Half oft he 16th century.

osd_50b Editorial Date

Subclass of:

E50 Date

Scope note:

Date Appellation only for Editing Documentation.

osd_51a Authority File Url

Comment:

Classes from osd_51a to osd_51h could be merged to one class osd_51i Url

Subclass of:

E51 Contact Point

Scope note:

URLs are addresses used by machines to access another machine through an http request, only used for URLs of the Authority File Identifier.

osd_51b Sketchfab Url

Subclass of:

E51 Contact Point

Scope note:

> URLs are addresses used by machines to access another machine through an http request, only used for URL of the sketchfab-address of an uploaded 3D Model.

osd_51c Preview Image Url

Subclass of:

> E71 Man-Made Thing

Scope note:

> URLs are addresses used by machines to access another machine through an http request, only used for URLs of the preview image, which is used only in navigate views.

osd_51d Image Url

Subclass of:

> E51 Contact Point

Scope note:

> URLs are addresses used by machines to access another machine through an http request, only used for URLs of images, which should have highest possible quality.

osd_51e File Url

Subclass of:

> E51 Contact Point

Scope note:

> URLs are addresses used by machines to access another machine through an http request, only used for URLs of all file formats that are not image formats.

osd_51f Source Url

Subclass of:

>   E51 Contact Point

Scope note:

>   Used only for URLs that are identify instances of osd_31b Sources which are important as documentation for the 3D reconstruction.

osd_51g Corporate Body Url

Subclass of:

>   E51 Contact Point

Scope note:

>   Used only for URLs which are identify instances of osd_74a Corporate Body.

osd_51h Annotation Url

Subclass of:

>   E51 Contact Point

Scope note:

>   Used only for URLs which are identify instances of osd_31a Annotation.

~~osd_52a Time Span (to delete)~~

Comment:

>   Scope note is very similar to the scope note of E52 Time Span. Class osd_52a have just an additional note about formatting.

Subclass of:

E52 Time-Span

<mark>This class comprises abstract temporal extents</mark>, in the sense of Galilean physics, <mark>having a beginning, an end and a duration.</mark>

Instances of E52 Time-Span have no semantic connotations about phenomena happening within the temporal extent they represent. They do not convey any meaning other than a positioning on the "time-line" of chronology. The actual extent of an instance of E52 Time-Span can be approximated by properties of E52 Time-Span giving inner and outer bounds in the form of dates (instances of E61 Time Primitive). Comparing knowledge about time-spans is fundamental for chronological reasoning.

Some instances of E52 Time-Span may be defined as the actual, in principle observable, temporal extent of instances of E2 Temporal Entity via the property P4 has time-span (is time-span of): E52 Time-Span. They constitute phenomenal time-spans as defined in CRMgeo (Doerr & Hiebel 2013). Since our knowledge of history is imperfect and physical phenomena are fuzzy in nature, the extent of phenomenal time-spans can only be described in approximation. An extreme case of approximation, might, for example, define an instance of E52 Time-Span having unknown beginning, end and duration. It may, nevertheless, be associated with other descriptions by which we can infer knowledge about it, such as in relative chronologies.

Some instances of E52 may be defined precisely as representing a declaration of a temporal extent, as, for instance, done in a business contract. They constitute declarative time-spans as defined in CRMgeo (Doerr & Hiebel 2013) and can be described via the property E61 Time Primitive P170 defines time (time is defined by): E52 Time-Span.

When used as a common E52 Time-Span for two events, it will nevertheless describe them as being simultaneous, even if nothing else is known.

Scope note:

<mark>This class comprises abstract temporal extents</mark>, <mark>having a beginning, an end and a duration</mark>. The temporal extent is only expressed in numbers (common date formats).

osd_52b Editorial Timespan

Subclass of:

E52 Time-Span

Scope note:

This class comprises abstract temporal extents, having a beginning, an end and a duration of an editorial documentation. The temporal extent is only expressed in numbers (common date formats).

osd_53a Place

Subclass of:

E53 Place

Scope note:

This class comprises geographical places in the broadest sense, i.e. cities, regions, countries.

osd_53b Location

Subclass of:

E53 Place

Scope note:

This class defines only places, that fall into instances of osd_53a Place, it means place in a sense of location of a certain object or building and is mostly identified by something like an address.

osd_53c Source Section

Subclass of:

E53 Place

Scope note:

Identifies the part of a source which carries the the text partition.

osd_55a Type

Subclass of:

E55 Type

Types are used for classification for instances of osd_5a Historical Event, osd_7a Research Activity, osd_21a Person, osd_22a Object, osd_31b Source, osd_74a Corporate Body, osd_53a Place and as a labelling system. They might be linked to thesauri and controlled vocabularies.

osd_55b Broader Type

Subclass of:

E55 Type

Scope note:

Broader Types are criteria for classification of types.

osd_55c Research Activity Type (to delete)

Comment:

Class E55 Type can be used instead.

Subclass of:

E55 Type

Scope note:

Used only for classification of instances of osd_7a Research Activity.

osd_55d Object Type(to delete)

Comment:

Class E55 Type can be used instead.

Subclass of:

E55 Type

Scope note:

Used only for classification of instances of osd_22a Object.

osd_55e Source Type (to delete)

Comment:

Class E55 Type can be used instead.

Subclass of:

E55 Type

Scope note:

Used only for classification of instances of osd_31b Source.

osd_55f Historical Event Type (to delete)

Comment:

Class E55 Type can be used instead.

Subclass of:

E55 Type

Scope note:

Used only for classification of instances of osd_5a Historical Event.

osd_55g Person Type (to delete)

Comment:

Class E55 Type can be used instead.

Subclass of:

E55 Type

Scope note:

Used only for classification of instances of osd_21a Person.

~~osd_55h Corporate Body Type (to delete)~~

Comment:

Class E55 Type can be used instead.

Subclass of:

E55 Type

Scope note:

Used for classification of instances of osd_74a Corporate Body.

~~osd_55i 3D Reconstruction Type (to delete)~~

Comment:

Class E55 Type can be used instead.

Subclass of:

E55 Type

Scope note:

Used only for classification of instances of osd_73a 3D Reconstruction, osd_73b 3D Reconstruction_Version, osd_73c 3D Reconstruction_Variation.

osd_55j Certainty Value Type (to delete)

Comment:

Class E55 Type can be used instead.

Subclass of:

E55 Type

Scope note:

Ascribes Certainty Values to a 3D Model Reconstruction according to the used sources.

~~osd_55k Primary Source Type (to delete)~~

Comment:

Class E55 Type can be used instead.

Subclass of:

E55 Type

Scope note:

Distingiushes between primary and secondary sources.

osd_55l Historical Actor Type

Subclass of:

E55 Type

Scope note:

Classifies instances of osd_21a Person or osd_74a Corporate Body as a historical one.

osd_55m Editing Status

Subclass of:

E55 Type

Scope note:

Classifies status of editing of instances of osd_31b Source, osd_7a Research Activity or osd_22a Object.

osd_55n Right Status

Subclass of:

> E55 Type

Scope note:

> Classifies the Rights status of instances of osd_31b Source, osd_73a 3D Reconstruction, osd_73b 3D Reconstruction Version, osd_73c 3D Reconstruction Variation.

osd_55o Religion

Subclass of:

> E55 Type

Scope note:

> Classification of religious affiliation of instances of osd_21a Person.

osd_55p Technique

Subclass of:

> E55 Type

Scope note:

> Ascribes Technique in a production event of instances of osd_31b Source or osd_22a Object.

osd_55q Detail Level Type

Subclass of:

> E55 Type

Classifies Level of Detail to a 3D Model.

osd_56a Language

Subclass of:

E56 Language

Scope note:

This class comprises the natural languages in the sense of concepts.

osd_57a Material

Subclass of:

E57 Material

Scope note:

This class comprises the concepts of materials.

osd_65a Production (to delete)

Comment:

Class E65 Creation can be used instead.

Subclass of:

E65 Creation

Scope note:

This class comprises events that result in the creation of conceptual items or immaterial products, i.e. instances osd_31b Source.

osd_67a Birth (to delete)

Comment:

Class E67 Birth can be used instead.

Subclass of:

E67 Birth

Scope note:

This class comprises the births of human beings, i.e. instances of osd_21a Person.

osd_69a Death (to delete)

Comment:

Class E69 Death can be used instead.

Scope note:

This class comprises the deaths of human beings, i.e. instances of osd_21a Person.

osd_73a 3D Reconstruction

Subclass of:

E73 Information Object

Scope note:

This class comprises 3D Reconstruction Models and can be used as a wrapper for instances of osd_73b 3D Reconstruction Version and osd_73c 3D Reconstruction Variation.

osd_73b 3D Reconstruction Version

Comment:

Subclass of:

E73 Information Object

Scope note:

The 3D-Reconstruction Model Version represents one specific state of work created by one 3D reconstruction activity.

osd_73c 3D Reconstruction Variation (modification)

Comment:

Class osd_73c is subclass of 73_a

Subclass of:

E73 Information Object

Scope note:

A 3D model variation represents a certain state of knowledge. There can be alternative variations. A Variation can consist of different versions representing different stages of work.

osd_74a Corporate Body

Subclass of:

E74 Group

Scope note:

This class comprises any gatherings or organizations of osd_21a Person that act collectively or in a similar way due to any form of unifying relationship.

~~osd_75a Type Apellation (to delete)~~

Comment:

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55a Type.

osd_75b Broader Type Appellation (to delete)

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55b Broader Type.

osd_75c Topic Appellation (to delete)

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_89a Topic.

osd_75d Context Appellation (to delete)

Comment:

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_89b_Context.

osd_75e Certainty Value Type Appellation (to delete)

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55j Certainty Value Type.

osd_75f Primary Source Type Appellation (to delete)

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55k Primary Source Type.

osd_75g Person Type Appellation (to delete)

Comment:

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55g Person Type.

osd_75h Historical Actor Type Appellation (to delete)

Comment:

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55l Historical Actor Type.

osd_75i Editing Status Appellation (to delete)

Comment:

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55m Editing Status.

osd_75j Right Status Appellation (to delete)

Comment:

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55n Right Status.

osd_75k Material Appellation (to delete)

Comment:

Class E55 Type can be used instead.

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_57a Material.

osd_75l Religion Appellation (to delete)

Comment:

Class E55 Type can be used instead.

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55o Religion.

osd_75m Technique Appellation (to delete)

Comment:

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55p Technique.

osd_75n Research Type Appellation (to delete)

Comment:

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55c Research Activity Type.

osd_75o Object Type Appellation (to delete)

Comment:

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55d Object Type.

osd_75p Source Type Appellation (to delete)

Comment:

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55e Source Type.

osd_75q Historical Event Type Appellation (to delete)

Comment:

Class E55 Type can be used instead.

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55f Historical Event Type.

osd_75r 3D Reconstruction Type Appellation (to delete)

Comment:

Class E55 Type can be used instead.

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55i 3D Reconstruction Type.

osd_75s Corporate Body Type Appellation (to delete)

Comment:

Class E55 Type can be used instead.

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55h Corporate Body Type.

~~osd_75t Detail Level Type Appellation (to delete)~~

Comment:

Class E55 Type can be used instead.

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises all appellations of osd_55q Detail Level Type.

~~osd_75u Alternative Type Appellation (to delete)~~

Comment:

Class E55 Type can be used instead.

Subclass of:

E75 Conceptual Object Appellation

Scope note:

This class comprises alternative appellation for instances of osd_55a Type, i.e. an appellation in another language.

~~osd_82a Person Name (to delete)~~

Subclass of:

E82 Actor Appellation

Scope note:

This class comprises any sort of name used to identify an osd_21a Person.

~~osd_82b Corporate Body Name (to delete)~~

Subclass of:

E82 Actor Appellation

Scope note:

This class comprises any sort of name used to identify an osd_74a Corporate Body.

~~osd_82c Person Alternative Name (to delete)~~

Scope note:

This class comprises any sort of alternative name used to identify an osd_21a Person.

~~osd_82d Corporate Body Alternative Name (to delete)~~

Subclass of:

E82 Actor Appellation

Scope note:

This class comprises any sort of alternative name used to identify an osd_74a Corporate Body.

osd_84a Source Part

Subclass of:

E84 Information Carrier

Scope note:

Is the physical part of a osd_31b Source which carries the the text partition.

osd_89a Topic

Subclass of:

E89 Propositional Object

Scope note:

This class comprises immaterial items, that are sets of propositions about real or imaginary things and that are documented as single units or serve as topic of discourse. This class allows to introduce topics used as keywords, i.e. a project dealing with two palaces at two locations can distinguish two topics: palace (A) and palace (B).

osd_89b Context

Subclass of:

E89 Propositional Object

Scope note:

This class comprises immaterial items, that are sets of propositions about real or imaginary things and that are documented as single units or serve as topic of discourse. This class specifies the subcontext of a dataset, i.e. periods.

OntSciDoc3D version 1.0 Property Declarations

The properties are comprehensively declared in this section using the following format:

- Property names are presented as headings in bold face, preceded by unique property identifiers;

- The line "Domain:" declares the class for which the property is defined;

- The line "Range:" declares the class to which the property points, or that provides the values for the property;

- The line "Superproperty of:" is a cross-reference to any subproperties the property may have;

- The line "Quantification:" declares the possible number of occurrences for domain and range class instances for the property. Possible values are: one to many, many to many, many to one. Quantifications are presented in UML format and in ER format (used by the CIDOC CRM);

- The line "Scope note:" contains the textual definition of the concept the property represents;

- The line "Examples:" contains a bulleted list of examples of instances of this property.

P12_1 created (was created by)

Domain:

> osd_7a Research Activity

Range:

> osd_73a 3D Reconstruction

Subproperty of:

> E5 Event:P12 occurred in the presence of (was present at):E77 Persistent Item

Scope note:

> This property documents the creation of a 3D model in a specific research activity.

P130_1 is similar to (is similar to)

Domain:

> osd_22a Object

Range:

> osd_22a Object

Subproperty of:

> E70 Thing:P130 shows features of (features are also found on):E70 Thing

Quantification:

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

Scope note:

> This property documents Objects that are similar to one another. They have to be very close in style, form, parts etc.

P130_2 is equal to (is equal to)

Domain:

> osd_22a Object

Range:

> osd_22a Object

Subproperty of:

> E70 Thing:P130 shows features of (features are also found on):E70 Thing

Quantification:

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

Scope note:

> This property documents Objects that are equal to one another. They have to be the same in style, form, parts etc.