

Mapping between Birth metadata, Dublin Core, MXF DMS-1 and SMPTE metadata dictionary

The following maps the intellectual (not the structural/technical) metadata elements of the BIRTH project to the Dublin Core elements, the MXF DMS-1 Standard (SMPTE 380M), the SMPTE Metadata dictionary (Version 4, September 9, 2002) and P/META.

Dublin Core elements that are written in *italic* can be used for mapping to the corresponding Birth element, but are actually a more generic term.

As reference for the SMPTE 380M, version “11c (r4)” is used. **Element names that are written in this colour are suggested by the MXF DMS-1 SMPTE 380M (Appendix D.6) for mapping to the particular Dublin Core element.**

Due to the fact that P/META contains many specialised elements of Dublin Core, the mapping shows only one representative of the P/META elements. The existence of more elements that map to a corresponding BIRTH element is indicated by an additional “etc” in the P/META column.

BIRTH Metadata Field	Description	Dublin Core	DMS-1/Production Framework (PF)	SET	SMPTE	P/META
Title	A name given to the resource	Title	Titles:MainTitle	4	Titles:MainTitle	Item_Title, etc
Title Alternative	An alternative name for the resource, for example an episode	Alternative (Qualifier of Title)	Titles:SecondaryTitle	4	Titles:SecondaryTitle	Item_Sub_Title
Creator	An entity primarily responsible for making the content of the resource	Creator	Participant	18	Administration:SourceOrganisation	Role_Type_Code, etc
Subject	The topic of the content of the resource	Subject	ProductionFramework: FrameworkTitle Annotation Shot	1 12 16	“Cataloguing, Indexing, Thesaurus or Gazetteer system used”:Subject	Classification_Term_Code, etc
Keywords	The topic(s) of the resource, in local language as well English	<i>Subject</i>	Classification	15	N/A	Index_Keyword_Name
Description	An account of the content of the resource	Description	Annotation:AnnotationDescription Classification Captions Description Scripting	12 15 11 14	TextualDescription:Description	Item_Script_Description, etc

BIRTH Metadata Field	Description	Dublin Core	DMS-1/Production Framework (PF)	SET	SMPTE	P/META
English description	An account of the content of the resource in English. Concerning BIRTH: 150 words max.	<i>Description</i>	Annotation:AnnotationDescription (with english language code)	12	N/A	Item_Script_Description
Abstract	A short account of the content of the resource, summary	Abstract (Qualifier of Description)	Annotation:AnnotationSynopsis (Mapping not defined at MXF S380M)	12	TextualDescription:Abstract	Item_Synopsis_Description
Publisher	An entity responsible for making the resource available, for example: broadcaster	Publisher	Participant	18	ParticipatingParties:Persons:Production	Role_Type_Code, etc
Contributor	An entity responsible for making contributions to the content of the resource, for example: editor, presenter, producer	Contributor	Participant	18	ParticipatingParties:Persons:Production	Role_Type_Code, etc
Date created	The date the content was created	Created (Qualifier of Date)	Event	8	CreationDate&Time	Production_End_Date
Date issued	Date of formal issuance (e.g. publication) of the resource	Issued (Qualifier of Date)	Event	8	N/A	N/A
Type	The nature of the content of the resource	Type	Classification	1	ContentClassification:ProgrammeType	Mob_Type_Code
Format extent	The size or duration of the resource (partially DC)	Extend (Qualifier of Format)	Image Format (only partially) MXF Essence Descriptor	26 Not in PF	VideoDurations	N/A
Format medium	The material or physical carrier of the resource	Medium (Qualifier of Format)	See above	Not in PF	StorageCharacteristics	File_Format_Type_Code, etc
Identifier	An unambiguous reference to the resource within a given context	Identifier	Identification	5	GloballyUniqueIdentifiers	Identifier_Number, etc

BIRTH Metadata Field	Description	Dublin Core	DMS-1/Production Framework (PF)	SET	SMPTE	P/META
Source	A reference to a resource from which the present resource is derived (original carrier)	Source	Identification (MXF S380M: Source is covered by the hierarchy of MXF packages (Material Package references a top-level File Package references a lower-level Source Package))	5	SourceOrganisation?	Identifier_Number, etc
Language	A language of the intellectual content of the resource	Language	ProductionFramework: OriginalLanguageSpoken (MXF S380s: Many DMS-1 sets use the language element as an individual entity)	1	LanguageCodes:LanguageCodesForTextualUse	Language_Code
Relation	A reference to a related resource	Relation	Group Relation (isReferencedBy) Branding (isPartOf)	6 7	Physical Media identifiers	Material_Relationship_Type_Code
Coverage Spatial	Spatial characteristics of the content of the resource	Spatial (Qualifier of Coverage)	Location	21	PlaceNames?	Location_Setting_Name, etc
Coverage Temporal	Temporal characteristics of the intellectual content of the resource	Temporal (Qualifier of Coverage)	Setting Period	13	Temporal?	N/A
Rights	Information about rights held in and over the resource	Rights	Contract	24	Rights	Rights_Condition_Desc, etc
Sound/Mute	Information about the sound reproduction	Type	Not found	Not in PF	N/A	N/A
In Colour/In Black & White	Information about colour reproduction	Type	ImageFormat => ColourDescriptor	26	TextualDescription:ColourDescriptor	N/A
Media object programme relation		Relation	Annotation => RelatedMaterialLocator		N/A	N/A

BIRTH Metadata Field	Description	Dublin Core	DMS-1/Production Framework (PF)	SET	SMPTE	P/META
Media object size		N/A	Not found	Not in PF	N/A	N/A
CompleteContent	Defines if the media object (content) is either complete or it is only a part of the original material (clipping)	<i>Type</i>	N/A		N/A	N/A