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**Information technology —  
Multimedia framework (MPEG-21) —**

**Part 6:  
Rights Data Dictionary**

**AMENDMENT 1: Digital Item Identifier  
relationship types**

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*Technologies de l'information — Cadre multimédia (MPEG-21) —*

*Partie 6: Dictionnaire de données des droits*

*AMENDEMENT 1: Types de relation d'identificateur d'article numérique*

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## Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO/IEC 21000-6:2004 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This Amendment to ISO/IEC 21000-6:2004 provides semantics to ISO/IEC 21000-3:2003/Amd.1. It provides Relators enabling Users to make explicit the Relationship between different Digital Item Identifiers included in a Digital Item.

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# Information technology — Multimedia framework (MPEG-21) —

## Part 6: Rights Data Dictionary

### AMENDMENT 1: Digital Item Identifier relationship types

Add the following nine entries into Table 3 at their alphabetically correct place:

Headword	<b>DerivedManifestation</b>
Definition	A Manifestation Derived from a SourceOfDerivation.
MeaningType	Derived
Relationships	<i>Genealogy</i> 1 ManifestationOf → IsResourceTypeBegottenBy → ExpressFromSource 2 ManifestationOf → IsTypeOf → Manifestation 3 ManifestationOf → IsTypeOf → Derivation

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Headword	<b>ExpresserFromSource</b>
Definition	An Agent that Expresses a Manifestation from a SourceOfDerivation.
MeaningType	Derived
Relationships	<i>Genealogy</i> 1 ExpresserFromSource → IsAgentTypeBegottenBy → ExpressFromSource 2 ExpresserFromSource → IsTypeOf → Expresser 3 ExpresserFromSource → IsTypeOf → Deriver

Headword	<b>ExpressFromSource</b>
Definition	To Express a Manifestation that is a Derivation from another Resource.
MeaningType	Derived
Comments (Informative)	<i>Scope of ExpressFromSource</i> ExpressFromSource is used to describe the process of making a Manifestation (a <i>DerivedManifestation</i> ) from a Source ( <i>SourceOfManifestation</i> ).
Relationships	<p><i>Genealogy</i></p> <p>1 ExpressFromSource → IsTypeOf → Express</p> <p>2 ExpressFromSource → IsTypeOf → Derive</p> <p><i>ActionFamily</i></p> <p>1 ExpressFromSource → BegetsContextType → ExpressionFromSource</p> <p>2 ExpressFromSource → BegetsAgentType → ExpresserFromSource</p> <p>3 ExpressFromSource → BegetsResourceType → DerivedManifestation</p> <p>4 ExpressFromSource → BegetsResourceType → SourceOfManifestation</p> <p>5 ExpressFromSource → BegetsTimeType → TimeOfExpressionFromSource</p> <p>6 ExpressFromSource → BegetsPlaceType → PlaceOfExpressionFromSource</p> <p>7 ExpressFromSource → BegetsRelatingTerm → IsManifestationOf</p> <p>8 ExpressFromSource → BegetsRelatingTerm → IsManifestIn</p>
Headword	<b>ExpressionFromSource</b>
Definition	An Event in which a Derivation is Expressed from a SourceOfDerivation.
MeaningType	Derived
Relationships	<p><i>Genealogy</i></p> <p>1 ExpressionFromSource → IsContextTypeBegottenBy → ExpressFromSource</p> <p>2 ExpressionFromSource → IsTypeOf → Expression</p> <p>3 ExpressionFromSource → IsTypeOf → DerivingEvent</p> <p><i>ContextView</i></p> <p>1 #1[ExpressionFromSource] → icoAgent → #2.n[ExpresserFromSource][occ:1-n]</p> <p>2 #1[ExpressionFromSource] → icoResource → #3.n[DerivedManifestation][occ:1-n]</p> <p>1 #1[ExpressionFromSource] → icoResource → #4.n[SourceOfManifestation][occ:1-n]</p> <p>1 #1[ExpressionFromSource] → icoTime → #5.n[TimeOfExpressionFromSource][occ:1-n]</p> <p>1 #1[ExpressionFromSource] → icoPlace → #6.n[PlaceOfExpressionFromSource][occ:1-n]</p>

Headword	<b>IsManifestIn</b>
Definition	The RelatingTerm from SourceOfManifestation to DerivedManifestation in the ExpressFromSource ActionFamily.
MeaningType	Derived
Relationships	<p><i>Genealogy</i></p> <p>1 IsManifestIn → IsRelatingTermBegottenBy → ExpressFromSource</p> <p>2 IsManifestIn → HasDomain → SourceOfManifestation</p> <p>3 IsManifestIn → HasRange → DerivedManifestation</p> <p>4 IsManifestIn → IsReciprocalOf → IsManifestationOf</p> <p>5 IsManifestIn → IsTypeOf → IsSourceOfDerivation</p>

Headword	<b>IsManifestationOf</b>
Definition	The RelatingTerm from DerivedManifestation to SourceOfManifestation in the ExpressFromSource ActionFamily.
MeaningType	Derived
Relationships	<i>Genealogy</i> 1 IsManifestationOf → IsRelatingTermBegottenBy → ExpressFromSource 2 IsManifestationOf → HasDomain → DerivedManifestation 3 IsManifestationOf → HasRange → SourceOfManifestation 4 IsManifestationOf → IsReciprocalOf → IsManifestIn 5 IsManifestationOf → IsTypeOf → HasSourceOfDerivation

Headword	<b>PlaceOfExpressionFromSource</b>
Definition	A Place of an ExpressionFromSource.
MeaningType	Derived
Relationships	<i>Genealogy</i> 1 PlaceOfExpressionFromSource → IsPlaceTypeBegottenBy → ExpressFromSource 2 PlaceOfExpressionFromSource → IsTypeOf → PlaceOfExpression 3 PlaceOfExpressionFromSource → IsTypeOf → PlaceOfDeriving
Headword	<b>SourceOfManifestation</b>
Definition	A SourceOfDerivation Expressed in a Manifestation.
MeaningType	Derived
Relationships	<i>Genealogy</i> 1 SourceOfManifestation → IsResourceTypeBegottenBy → ExpressFromSource 2 SourceOfManifestation → IsTypeOf → SourceOfDerivation

Headword	<b>TimeOfExpressionFromSource</b>
Definition	A Time of an ExpressionFromSource.
MeaningType	Derived
Relationships	<i>Genealogy</i> 1 TimeOfExpressionFromSource → IsTimeTypeBegottenBy → ExpressFromSource 2 TimeOfExpressionFromSource → IsTypeOf → TimeOfExpression 3 TimeOfExpressionFromSource → IsTypeOf → TimeOfDeriving

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