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

**Part 6:
Rights Data Dictionary**

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

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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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
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Foreword

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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.

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 | DerivedManifestation |
| 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 |

| | |
|---------------|---|
| Headword | ExpresserFromSource |
| 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 | ExpressFromSource |
| 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 2 ExpressFromSource → IsTypeOf → Derive</p> <p><i>ActionFamily</i></p> <p>1 ExpressFromSource → BegetsContextType → ExpressionFromSource 2 ExpressFromSource → BegetsAgentType → ExpresserFromSource 3 ExpressFromSource → BegetsResourceType → DerivedManifestation 4 ExpressFromSource → BegetsResourceType → SourceOfManifestation 5 ExpressFromSource → BegetsTimeType → TimeOfExpressionFromSource 6 ExpressFromSource → BegetsPlaceType → PlaceOfExpressionFromSource 7 ExpressFromSource → BegetsRelatingTerm → IsManifestationOf 8 ExpressFromSource → BegetsRelatingTerm → IsManifestIn</p> |
| Headword | ExpressionFromSource |
| 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 2 ExpressionFromSource → IsTypeOf → Expression 3 ExpressionFromSource → IsTypeOf → DerivingEvent</p> <p><i>ContextView</i></p> <p>1 #1[ExpressionFromSource] → icoAgent → #2.n[ExpresserFromSource][occ:1-n] 2 #1[ExpressionFromSource] → icoResource → #3.n[DerivedManifestation][occ:1-n] 1 #1[ExpressionFromSource] → icoResource → #4.n[SourceOfManifestation][occ:1-n] 1 #1[ExpressionFromSource] → icoTime → #5.n[TimeOfExpressionFromSource][occ:1-n] 1 #1[ExpressionFromSource] → icoPlace → #6.n[PlaceOfExpressionFromSource][occ:1-n]</p> |

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