
**Information technology — Learning,
education and training — Metadata
for learning resources —**

**Part 3:
Basic application profile**

AMENDMENT 1

*Technologies de l'information — Apprentissage, éducation et
formation — Métadonnées pour ressources d'apprentissage —*

Partie 3: Profil d'application de base

AMENDEMENT 1



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Amendment 1 to ISO/IEC 19788-3:2011 was prepared by ISO/IEC JTC 1, *Information technology*, Subcommittee SC 36, *Information technology for learning, education and training*.

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Information technology — Learning, education and training — Metadata for learning resources —

Part 3: Basic application profile

AMENDMENT 1

Page iv, Foreword

Replace the list of parts by the following:

A list of parts in the ISO 19788 series can be found on the ISO website.

Page v, Introduction

Add the following paragraph after the first paragraph of 0.2:

As allowed by the amendment to ISO/IEC 19788-1:2011, this document added a new attribute to Data Element Specifications (DESSs). The attribute “Best practice(s)” has been added to provide optional informative good practice guidance.

Page 1, Clause 2

Replace the last two references by their undated versions:

ISO/IEC 19788-1, *Information technology — Information technology — Metadata for learning resources — Part 1: Framework*

ISO/IEC 19788-2, *Information technology — Information technology — Metadata for learning resources — Part 2: Dublin Core elements*

Page 3, Clause 5

Replace the table by the following.

Application profile specification	
Application profile Identifier (AP_Identifier)	ISO_IEC_19788-3:2011:AMD.1:2016::AP0002
Name (ISO English)	MLR Basic Application Profile (v2)
Description	MLR entry level element set, based on Dublin Core
Underlying data element group specification	ISO_IEC_19788-3:2011:AMD.1:2016::DEGS0002

Replace the first table by the following.

Data element group specification						
Identifier (DEGS_Identifier)		ISO_IEC_19788-3:2011:AMD.1:2016::DEGS0002				
Name (ISO English)		MLR Basic data element group specification (v2)				
Description		MLR entry level element set designed to provide basic interoperability among catalogues or repositories				
Position	DES_Identifier/ DEGS_Identifier	Name (ISO English)	Presence type indicator	Repeatability indicator	Order indicator	Order semantic
(01)	(02)	(03)	(04)	(05)	(06)	(07)
1	ISO_IEC_19788-3: 2011:AMD.1:2016:: DEGS0003	Learning resources DEGS	mandatory	non-repeatable	—	—
2	ISO_IEC_19788-3: 2011:AMD.1:2016:: DEGS0004	Persons DEGS	mandatory	non-repeatable	—	—

Remove the following footnote.

While this edition of the MLR Basic application profile is based on ISO/IEC 19788-2:2011, further editions are likely to include data elements from other parts.

Delete the Conditions Table.

Replace “N/A” by the following subclauses (6.2.1 and 6.2.2).

6.2.1 Learning resources data element group specification

Data element group specification						
Identifier (DEGS_Identifier)		ISO_IEC_19788-3:2011:AMD.1:2016::DEGS0003				
Name (ISO English)		Learning resources DEGS				
Description		MLR entry level element set designed to provide basic description of <i>Learning Resource</i> resource class instances.				
Position	DES_Identifier/ DEGS_Identifier	Name (ISO English)	Presence type indicator	Repeatability indicator	Order indicator	Order semantic
(01)	(02)	(03)	(04)	(05)	(06)	(07)
1	ISO_IEC_19788-2: 2011::DES0100	title	conditional C0001	repeatable	unordered	—
2	ISO_IEC_19788-2: 2011::DES0200	creator	conditional C0002	repeatable	ordered	entities listed by importance of contributions, primary entity first
3	ISO_IEC_19788-2: 2011::DES0300	subject	conditional C0001	repeatable	unordered	—

4	ISO_IEC_19788-2: 2011::DES0400	description	conditional C0001	repeatable	unordered	—
5	ISO_IEC_19788-2: 2011::DES0500	publisher	conditional C0002	repeatable	unordered	—
6	ISO_IEC_19788-2: 2011::DES0600	contributor	conditional C0002	repeatable	ordered	entities listed by importance of contributions, primary enti- ty first
7	ISO_IEC_19788-2: 2011::DES0700	date	optional	repeatable	unordered	—
8	ISO_IEC_19788-2: 2011::DES0800	type	optional	repeatable	unordered	—
9	ISO_IEC_19788-2: 2011::DES0900	format	optional	repeatable	unordered	—
10	ISO_IEC_19788-2: 2011::DES1000	identifier	mandatory	repeatable	unordered	—
11	ISO_IEC_19788-2: 2011::DES1100	source	optional	repeatable	unordered	—
12	ISO_IEC_19788-2: 2011::DES1200	language	optional	repeatable	unordered	—
13	ISO_IEC_19788-2: 2011::DES1300	relation	optional	repeatable	unordered	—
14	ISO_IEC_19788-2: 2011::DES1400	coverage	optional	repeatable	unordered	—
15	ISO_IEC_19788-2: 2011::DES1500	rights	conditional C0003	repeatable	unordered	—
16	ISO_IEC_19788-2: 2011:AMD.1:2016:: DES1600	creator	conditional C0002	repeatable	ordered	entities listed by importance of contributions, primary enti- ty first
17	ISO_IEC_19788-2: 2011:AMD.1:2016:: DES1700	subject	conditional C0001	repeatable	unordered	—
18	ISO_IEC_19788-2: 2011:AMD.1:2016:: DES1800	description	conditional C0001	repeatable	unordered	—
19	ISO_IEC_19788-2: 2011:AMD.1:2016:: DES1900	publisher	conditional C0002	repeatable	unordered	—
20	ISO_IEC_19788-2: 2011:AMD.1:2016:: DES2000	contributor	conditional C0002	repeatable	ordered	entities listed by importance of contributions, primary enti- ty first
21	ISO_IEC_19788-2: 2011:AMD.1:2016:: DES2100	source	optional	repeatable	unordered	—

22	ISO_IEC_19788-2:2011:AMD.1:2016::DES2200	relation	optional	repeatable	unordered	—
23	ISO_IEC_19788-2:2011:AMD.1:2016::DES2300	rights	conditional C0003	repeatable	unordered	—
24	ISO_IEC_19788-3:2011:AMD.1:2016::DES0101	date and time	optional	repeatable	unordered	—
25	ISO_IEC_19788-3:2011:AMD.1:2016::DES0201	time interval	optional	repeatable	unordered	—
26	ISO_IEC_19788-3:2011:AMD.1:2016::DES0301	content type	optional	repeatable	unordered	—
27	ISO_IEC_19788-3:2011:AMD.1:2016::DES0401	calendar date	optional	repeatable	unordered	—

Conditions table

Code ID	Conditions
C0001	A value shall be provided for at least one of these properties: ISO_IEC_19788-2:2011::DES0100 (title), ISO_IEC_19788-2:2011::DES0300 (subject), ISO_IEC_19788-2:2011:AMD.1:2016::DES1700 (subject), ISO_IEC_19788-2:2011::DES0400 (description) or ISO_IEC_19788-2:2011:AMD.1:2016::DES1800 (description).
C0002	A value shall be provided for at least one of these properties: ISO_IEC_19788-2:2011::DES0200 (creator), ISO_IEC_19788-2:2011:AMD.1:2016::DES1600 (creator), ISO_IEC_19788-2:2011::DES0500 (publisher), ISO_IEC_19788-2:2011:AMD.1:2016::DES1900 (publisher), ISO_IEC_19788-2:2011::DES0600 (contributor) or ISO_IEC_19788-2:2011:AMD.1:2016::DES2000 (contributor). A MLR record conforming to this application profile cannot use both properties ISO_IEC_19788-2:2011::DES0200 (creator), ISO_IEC_19788-2:2011:AMD.1:2016::DES1600 (creator). A MLR record conforming to this application profile cannot use both properties ISO_IEC_19788-2:2011::DES0600 (contributor), ISO_IEC_19788-2:2011:AMD.1:2016::DES2000 (contributor).
C0003	A value shall be provided for at least one of these properties: ISO_IEC_19788-2:2011::DES1500 (rights) or ISO_IEC_19788-2:2011:AMD.1:2016::DES2300 (rights).

6.2.2 Persons data element group specification

Data element group specification						
Identifier (DEGS_Identifier)		ISO_IEC_19788-3:2011:AMD.1:2016::DEGS0004				
Name (ISO English)		Persons DEGS				
Description		MLR entry level element set designed to provide basic description of <i>Person</i> resource class instances.				
Position	DES_Identifier/DEGS_Identifier	Name (ISO English)	Presence type indicator	Repeatability indicator	Order indicator	Order semantic
(01)	(02)	(03)	(04)	(05)	(06)	(07)
1	ISO_IEC_19788-9:2015::DES0200	name	mandatory	repeatable	unordered	—

Page 5, Clause 7

Replace the entire content of Clause 7 with the following.

7.1 Title (MLR-2/DES0100)

Data element specification	
Identifier	ISO_IEC_19788-2:2011::DES0100
Data element attributes	
Property name	title
Definition	name given to the learning resource
Linguistic indicator	linguistic
Domain	<i>Learning Resource</i> (ISO_IEC_19788-1:2011::RC0002)
Codomain	<i>literal</i>
Content value rules	MLR String (ISO_IEC_19788-1:2011::PRS0001)
Refines	—
Example(s)	1. 金葉和歌集 (Japanese) 2. Collection of Golden Leaves (English)
Note(s)	1. The set of values of data elements conforming to this DES is a subset of the values of the element <i>title</i> described in ISO 15836:2009, Table 1. 2. More specific than properties http://purl.org/dc/elements/1.1/title and http://purl.org/dc/terms/title
Best practice(s)	—

7.2 Creator (MLR-2/DES0200)

Data element specification	
Identifier	ISO_IEC_19788-2:2011::DES0200
Data element attributes	
Property name	creator
Definition	entity primarily responsible for making the learning resource
Linguistic indicator	linguistic
Domain	<i>Learning Resource</i> (ISO_IEC_19788-1:2011::RC0002)
Codomain	<i>literal</i>
Content value rules	MLR String (ISO_IEC_19788-1:2011::PRS0001)
Refines	ISO_IEC_19788-2:2011::DES0600 (contributor)