INTERNATIONAL
STANDARD

ISO/IEC
12785-2

First edition
2011-11-15

Information technology — Learning, education, and training — Content packaging —

Part 2:
XML binding

Technologies de l'information — Apprentissage, éducation et formation — Paquetage du contenu —

Partie 2: Liaison XML

 COPYRIGHT PROTECTED DOCUMENT

Contents

Page

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.

ISO/IEC 12785-2 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 36, *Information technology for learning, education and training*.

ISO/IEC 12785 consists of the following parts, under the general title *Information technology — Learning, education, and training — Content packaging*:

— *Part 1: Information model*

— *Part 2: XML binding*

— *Part 3: Best practice and implementation guide*

Introduction

This part of ISO/IEC 12785 will be used as the basis for the production of the following documents:

- ISO/IEC 12785-3 (*Best practice and implementation guide*);

- Content Packaging XML XSD.[1]

This part of ISO/IEC 12785 details how the ISO/IEC 12785-1 information model should be represented using XML schema. The content packaging binding is contained in two XML schemas and two vocabulary files. The vocabulary files are instances of the IMS Vocabulary Definition Exchange specification. ISO/IEC 12785-3 provides non-normative guidance on how to use the binding and information model. For a conceptual overview of ISO/IEC 12785, see ISO/IEC 12785-1. For a discussion of potential applications, see ISO/IEC 12785-3. Conformance to ISO/IEC 12785 is addressed within ISO/IEC 12785-1.

---

[1] This XML schema definition can be accessed from: http://www.imsglobal.org/content/packaging/index.html.

Information technology — Learning, education, and training — Content packaging —

Part 2:
XML binding

1   Scope

This part of ISO/IEC 12785 specifies how to represent the ISO/IEC 12785-1 information model in XML, and details each element binding of the content packaging XML schema.

2   Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 12785-1:2009, *Information technology — Learning, education, and training — Content packaging — Part 1: Information model*