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Information and documentation — International library item identifier(ILII)

Information et documentation — Identifiant de document de bibliothèque international (ILII)

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 46, *Information and documentation*, Subcommittee SC 9, *Identification and description*.

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Introduction

This document was developed to provide a standard way to represent an item in various kinds of applications in libraries or related organizations. Usually, libraries have local identification systems for the items they hold. But when an item is handled beyond the boundary of the library, for example in an interlibrary loan transaction, local identification systems do not continue to function for the overall identification of the item. This document is intended to be used in systems in which items are manipulated beyond the owning institution.

It is true that the combination of the library identifier and its local item identifier generally works for identification. In some cases, however, it might be necessary to add a collection identifier. This identifier addresses the issues involved in external circulation of materials, facilitating global item identification.

This document is designed to maximize the discretion of the holding organizations, to minimize any difficulties in its application. It is simple and easy and promotes the cooperation of libraries.

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Information and documentation — International library item identifier(ILII)

1 Scope

This document specifies the International Library Item Identifier (ILII), which is used for the unique identification of items held by libraries and related organizations. “Library and related organization” here refers to an organization within the scope of ISO 15511. “Items” here refer to materials identified and managed by a concerned organization.

The purpose of ILII is to facilitate unique identification of library items when information about them is shared among library applications. Examples of such system(s) include interlibrary loans and shared print agreements.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 15511, *Information and documentation — International standard identifier for libraries and related organizations (ISIL)*

ISO 27730, *Information and documentation — International standard collection identifier (ISCI)*

ISO/IEC 10646, *Information technology — Universal Coded Character Set (UCS)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at http://www.electropedia.org/

— ISO Online browsing platform: available at https://www.iso.org/obp

3.1
collection
permanent or temporary aggregation of *items* (3.6) accumulated on the basis of some common characteristic, e.g. by location, by type or form of the items, or by source or ownership

3.2
holding organization
library or related organization that holds the relevant *item* (3.6)

3.3
interlibrary loan
lending or copying transaction between two libraries on behalf of an end user

3.4
ISCI
identifier of a *collection* (3.1) assigned in conformance with ISO 27730

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3.5
ISIL
identifier of an organization assigned in conformance with ISO 15511

3.6
item
object that a library or a related organization handles as a unit for its services

EXAMPLE Typically, a bound book in a library or a painting in a museum is an item. A set of audio CDs is an item. A computer file or any type of digital object is an item if it meets the definition above.

3.7
shared print agreement
programme to consolidate and preserve print *collections* (3.1) among multiple libraries in response to widespread availability of digital resources and increasing pressure for space in campus library buildings

4 Structure and syntax of ILII

4.1 Structure of ILII

ILII is a character string comprised of two elements separated by the character FULL STOP (.). The first element is either the ISIL or the ISCI. The second element is the item identifier. The holding organization chooses either the ISIL or the ISCI as the first element, in accordance with ISO 15511 or ISO 27730 respectively, in order to ascertain the global uniqueness of the ILII.

EXAMPLE 1 JP-1000003.1201000185819

ISIL part = JP-1000003

item identifier part = 1201000185819

EXAMPLE 2 [FI-H]Hebraica.12345

ISCI part = [FI-H]Hebraica

item identifier part = 12345

NOTE The first FULL STOP in a given ILII is the separator of the first and the second element, as subclauses 4.2 and 4.3 ensure that there is no FULL STOP in the ISIL or the ISCI. The second or subsequent FULL STOP in a given ILII belongs to the item identifier.

4.2 ISIL

An ISIL is the identifier of the holding organization assigned in conformity with ISO 15511. ISIL syntax is specified by ISO 15511.

4.3 ISCI

4.3.1 Structure of ISCI

An ISCI is a character string that is the result of the process specified by 4.3.2 applied to the ISCI of the collection to which the relevant item belongs. The syntax of ISCI is specified by ISO 27730.

4.3.2 Full stop, percent sign escaping process

For a given character string, substitute all the occurrences of character PERCENT SIGN by three characters: PERCENT SIGN; DIGIT TWO; and DIGIT FIVE (%25); and substitute all the occurrences of character FULL STOP (.) by three characters: PERCENT SIGN; DIGIT TWO; and LATIN CAPITAL LETTER E (%2E). Any other character in a given character string is left intact.

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