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Informatika in dokumentacija - Transakcije medknjižnične izposoje

Information and documentation -- Interlibrary Loan Transactions

Information et documentation -- Transactions de prêt interlibrairies

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Foreword

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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 meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 46, *Information and documentation*, Subcommittee SC 4, *Technical interoperability*.

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Introduction

This International Standard will at first, supplement and eventually succeed the old ISO interlibrary lending protocol (consisting of ISO 10160, ISO 10161-1, and ISO 10161-2). Unlike its predecessor, this International Standard is well suited to the modern, Web-based technological environment which is based on XML and Web services. Another important difference between the two standards is that, while the old standard is based on a 1980s model of ILL transactions, its successor is based on and supports a much simpler exchange of transactions.

ISO TC 46/SC 4 made an attempt to revise ILL standards in 2007. The chosen policy, careful revision of the existing International Standard, failed, since for some SC 4 P-members the revision was too radical, whereas some other P-members indicated that it was not thorough enough. In order to avoid a similar deadlock, SC 4 plenary meeting chose a different strategy in 2012. The committee will keep the old standard alive as long as necessary by, for example, making the editorial changes needed. But SC 4 also decided to start the development of a new, Web-enabled ILL standard.

The new International Standard specifies three simple messages: a request, a supplying library message, and a requesting library message. The protocol is stateless, which means that there will be no need to maintain the interconnected state tables in the client and server applications (and the connections to the state tables in applications behind them). The new ILL protocol will be much easier to implement than the old one, while still retaining the essential functionality of its predecessor.

This International Standard is the first part of a more general strategic initiative to standardize resource sharing in ISO/TC 46/SC 4 *Technical interoperability.* As part of this intention, the editors have aligned element names, transport, and XML schema with similar functions in ANSI/NISO Z39.83 *NISO Circulation Interchange Protocol*.

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