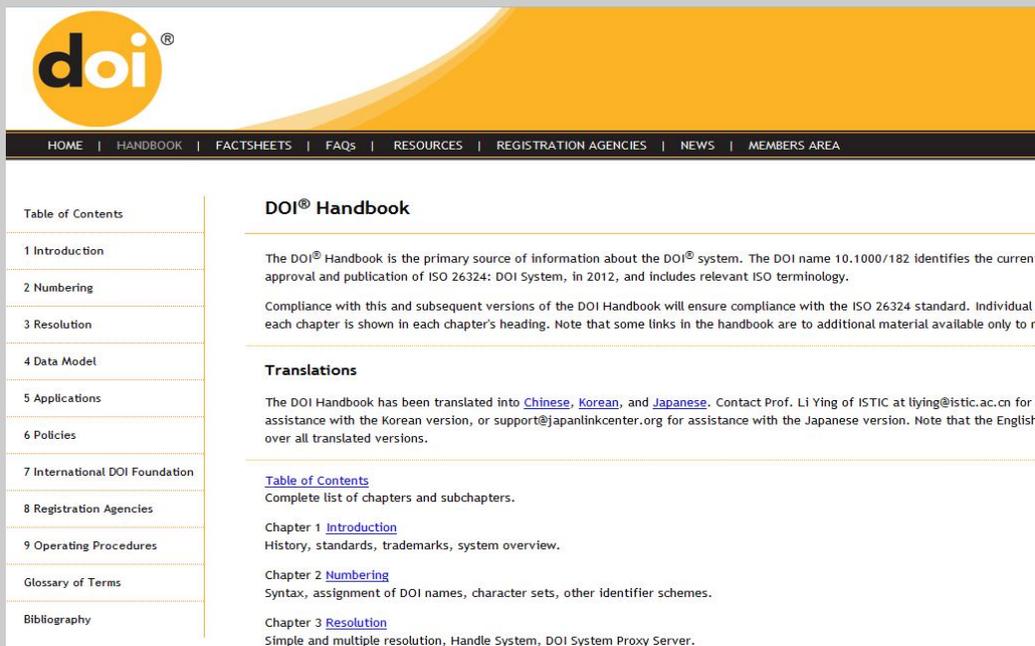


Home Page



The screenshot shows the DOI Handbook website. At the top left is the 'doi' logo. A navigation bar contains links for HOME, HANDBOOK, FACTSHEETS, FAQs, RESOURCES, REGISTRATION AGENCIES, NEWS, and MEMBERS AREA. On the left side, there is a 'Table of Contents' menu with links for Introduction, Numbering, Resolution, Data Model, Applications, Policies, International DOI Foundation, Registration Agencies, Operating Procedures, Glossary of Terms, and Bibliography. The main content area is titled 'DOI® Handbook' and contains introductory text, a 'Translations' section with links to Chinese, Korean, and Japanese versions, and a 'Table of Contents' section with links to specific chapters (Introduction, Numbering, Resolution) and their sub-topics.

Logo



URL

https://www.doi.org/hb.html

Subject

Digital Object Identifies—Handbooks, manuals etc.

Accessibility

Free

Language

Multilingual (English, Chinese, Korean, and Japanese)

Publisher

International DOI Foundation

### ***Brief History***

The DOI system originated in a joint initiative of three trade associations in the publishing industry (International Publishers Association; International Association of Scientific, Technical and Medical Publishers; Association of American Publishers). Although originating in text publishing, the DOI was conceived as a generic framework for managing identification of content over digital networks, recognizing the trend towards digital convergence and multimedia availability. The system was announced at the Frankfurt Book Fair 1997. The International DOI<sup>®</sup> Foundation (IDF) was created to develop and manage the DOI system, also in 1997.

The web site of DOI<sup>®</sup> Handbook is the International DOI Foundation (IDF), a not-for-profit membership organization that is the governance and management body for the federation of Registration Agencies providing Digital Object Identifier (DOI) services and registration, and is the registration authority for the ISO standard (ISO 26324) for the DOI system. The DOI system provides a technical and social infrastructure for the registration and use of persistent interoperable identifiers, called DOIs, for use on digital networks.

In 2000 the syntax of the DOI was standardized through NISO. The DOI system was approved as an ISO standard in 2010. The DOI Handbook Version 3.3 released in November 2003.

### ***Scope and Coverage***

The handbook covers the topics on DOI system like the history and overview of DOI system, syntax and assignment of DOI names, character sets and other identifier schemes, simple and multiple resolution of DOI system, policy and interoperability of DOI system, DOI metadata & metadata requirements, DOI resolution, application profiles, digital object registry technology, Summary of key policies, and description of policy formulation, including agreements, role, responsibilities and membership information for the organization that governs the DOI system. The handbook also includes operational and technical requirements of registration agencies including their role in managing DOI names for users and rules and procedures for registering and maintaining DOI names and their associated metadata.

### ***Kind of Information***

The handbook provides detailed information on DOI system and provides an overview on the DOI system, numbering mechanism includes in DOI system. It gives overview on data model of DOI system, Relationship between the DOI system and other ISO identifier schemes, visual presentation and other representation of DOI names, assignment of DOI name, Resolution requirements for the DOI system, DOI system Proxy Server technical details, Procedure for management of DOI metadata schemas, Expressing Relationships Between DOI Names, Operational and technical requirements for Registration Agencies, operating procedures of the DOI Directory etc.

### ***Special Features***

- The handbook includes glossary of terms.
- The handbook also provides DOI related news.

- The website also includes other resources like Factsheets, DOI System Examples, Vocabulary Mapping Framework, shortDOI Service and Archive.

***Arrangement Pattern***

The contents of the handbook are arranged topic wise. The subtopics under each topic are numbered according to the number of their main topic.

***Remarks***

The DOI Handbook is the primary sources of information about the DOI system. The DOI Handbook explains the history, the fundamentals, the policies and the technology behind the system. The factsheets summarize key issues, and explain how DOI names and the DOI system relate to other identifier schemes, and other specifications and technologies.

"The DOI Handbook (Version 3.3, released November 2003) is the primary source of information about the DOI. It discusses the components and operation of the DOI system, and provides a central point of reference for technical information. The Handbook is updated regularly."

***Date of Access***

January 24, 2017