



DOI News is a public news release.

Information contained in this newsletter may be reproduced and disseminated to all interested parties.

## January 2013

*The DOI is a system for interoperably identifying and exchanging intellectual property in the digital environment. The International DOI Foundation, a non-profit organization, manages development, policy and licensing of the DOI system to registration agencies and technology providers and advises on usage and development of related services and technologies.*

### 1. DOI System reaches one billion resolutions per year

The DOI System reached a significant point in its development during 2012, with DOI resolution growing to a rate of one billion DOI resolutions per year, with over 64 million registered DOI names. 2012 also saw the publication of the DOI system as international standard ISO 26324 and the appointment of additional Registration Agencies. Further developments are continuing in 2013.

### 2. Additional DOI agency appointed in China

The International DOI Foundation is pleased to announce the appointment of a further Registration Agency in China. China National Knowledge Infrastructure (CNKI), launched in 1988, is the largest authoritative, comprehensive source of China-based information resources in the world, reflecting the latest developments in Chinese politics, economics, humanity and social science, science and technology. The parent company of CNKI is Beijing-based Tsinghua Tongfang Knowledge Network Technology Company (TTKN), founded by Tsinghua University. CNKI publishes databases containing e-journals, newspapers, dissertations, proceedings, yearbooks, reference works, etc.

CNKI is the second agency to be appointed in China, with ISTIC already a major agency in the DOI community. The appointment of a second DOI agency in China reflects the importance of the digital sector in one of the world's largest economies.

For further information see [CNKI web site in English](#), [CNKI FAQ in English](#), and [ISTIC](#).

### 3. DOI System strengthens social infrastructure

DOI Registration Agencies are free to offer to their customers unique services built on DOI registration. The DOI system has now agreed an additional Registration Agency Collaboration Policy, which provides safeguards ensuring that customers can choose from multiple Registration Agencies for appropriate services whilst avoiding the allocation of multiple DOI names to the same entity, or conflicting services for one DOI name. The policy also sets out appropriate measures for sharing information across DOI Registration Agencies within the DOI federation. The policy joins other existing policies which form a social infrastructure unique to the DOI system, which ensures persistence and interoperability.

For further information see the DOI Handbook, Chapter 6, [Policies](#).

January 2013

#### 4. Additions to DOI technical infrastructure

The DOI system provides a dedicated infrastructure system for DOI users, comprising 33 DOI handle servers in 10 international locations, in addition to the underlying Global Handle Registry and DOI http proxy servers, all of which are also distributed across multiple international locations. In 2013, the International DOI Foundation plans to extend this dedicated DOI network further by initiating multiple cloud-based server resources to provide additional flexibility and resilience; the Foundation has also improved the management of existing resources.

#### 5. Linked Content Coalition

The International DOI Foundation continue to participate in the Linked Content Coalition, the framework for a fully interoperable and fully connected standards-based communications infrastructure to help businesses and individuals manage and communicate their rights more effectively online. The LCC has recently published technical material including a detailed data model and identification specification: final versions will be published when the project completes its activities later this month. The International DOI Foundation will use LCC specifications in developing further DOI applications complementing techniques already available for using DOI names with Linked Data applications.

For further information see the [LCC site](#) and the [LCC draft output documents](#).

This is a service announcement for the International DOI Foundation and has been prepared to inform you of developments to enable digital copyright management of intellectual property.

For more information, please send your request to [contact@doi.org](mailto:contact@doi.org).

January 2013 | <http://www.doi.org>

DOI<sup>®</sup>, DOI.ORG<sup>®</sup>, doi><sup>®</sup> and shortDOI<sup>®</sup> are trademarks of the International DOI Foundation.