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सूचना और प्रलेखन — अधिकार सूचना  
का विवरण और प्रस्तुति

Information and Documentation —  
Description and Presentation of  
Rights Information

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## NATIONAL FOREWORD

This Indian Standard which is identical to ISO/TR 22038 : 2020 'Information and documentation — Description and presentation of rights information' issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on the recommendation of the Documentation and Information Sectional Committee and approval of the Management and Systems Division Council.

The text of the ISO standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'; and
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

[Annex A](#) is **informative only.**

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## **Introduction**

Many libraries, museums and archives are digitizing their collections to provide them for the public through the network. In addition, there are many services on the network that supply similar digital resources to the public. These digital collections are invaluable sources for cultural activities. But the digital resources provided by these collections may have some restriction for the usage. Intellectual rights and terms of use concerning the provided resource have to be respected.

Most digital collections present such rights information somewhere in their services. In many cases, however, it is hard for ordinary users to find correct information. There are many ways to present rights information. This document provides a guideline to present rights information in an easily accessible way. It will ease the work involved in seeking proper rights information and promote usage of digital collections.

This document is intended to provide guidelines for digital collection service developers to design systems that can effectively present rights information to the end-users. Digital collection providers (e.g. libraries, museums, etc.) can refer to this document when they commission their service systems.

This document does not provide the guidelines for the entire design of a service system. References to search page or browsing page, for example, does not mean that they are recommended. Only the parts concerning the presentation of rights information are the recommendations of this document.

*Indian Standard*

# INFORMATION AND DOCUMENTATION — DESCRIPTION AND PRESENTATION OF RIGHTS INFORMATION

## 1 Scope

This document provides an effective presentation of rights information in digital collections to end-users. Digital collection, in this document, is mainly focused on digital collections in libraries, museums, archives or other organizations that offer similar resources to their patrons.

This document deals with the human-readable aspects of the rights presentation. Technical aspects of the storage and management of rights expression information, such as, metadata schemas, interoperability of machine-readable expressions and user interfaces are out of scope of this document.

## 2 Normative references

There are no normative references in this document.

## 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:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

### 3.1

#### **digital collection**

collection formed by a collection process on existing data and data sets where the collected data is in digital form (ISO 5127) and/or its service

### 3.2

#### **digital resource**

resource transmitted from the *digital collection* (3.1) through the service

### 3.3

#### **rights information**

intellectual property rights and related access and/or usage rights information concerning resources

### 3.4

#### **service page**

unit of information sent from a *digital collection* (3.1) to a user

Note 1 to entry: Usually, a service page is intended to be displayed on the screen at the same time, but it may comprise larger amounts of information that cannot fit a display device.

### 3.5

#### **underlying work**

original resource from which the *digital resource* (3.2) is derived

Note 1 to entry: A digital resource may have more than one underlying work.

EXAMPLE 1 When the digital resource is a digitized representation of a painting, the original painting is the underlying work.

EXAMPLE 2 When the digital resource is a digitized image of a book, both the book as the physical object and the contents as the abstract work are the underlying works.

EXAMPLE 3 When the digital resource is a digital motion picture which presents a painting with some related essays and some background music, the painting, the essays and the music are underlying works.

## 4 Rights information

### 4.1 General consideration

Rights information to be presented includes the rights concerning the conditions of access to and/or use of the digital resource. Copyright information under the appropriate jurisdiction, agreements between stakeholders and/or social customs is typically included.

Rights information should clearly state what users are allowed to do with the provided resource. There may be statements regarding the underlying works if necessary. Rights information may be included on the same page or may be a link to a separate information page.

### 4.2 Use of community supported expression

The adoption of a widely used format to express rights information is highly recommended. Examples of the most common community-supported formats for digital collections are listed in [Annex A](#).

### 4.3 International consideration

The legal condition of the user depends on the jurisdiction. When presenting the rights information, particular jurisdiction should not be assumed.

### 4.4 Rights information elements

The following elements may be presented as rights information:

- a) Type of the rights
- b) Information to identify the rights holder:
  - identifier
  - name
  - contact information
  - other details
- c) Legal basis for the rights:
  - jurisdiction
  - title of the applicable laws, rules, regulations and legal instruments
- d) Dates concerning the right:
  - copyright year
  - other dates related to the effective term
- e) Permissions or licenses:
  - permissible actions
  - prohibited actions

- conditions for the actions above
- patterned license name and/or link to the license

EXAMPLE CC BY defined by Creative Commons (see [A.2.1](#)).

## 5 Categorization of service pages

### 5.1 Purpose of this categorization

This categorization lists the types of service pages that might present rights information on the page or link to the rights information on another page. This categorization is neither exhaustive nor exclusive.

### 5.2 Top page

A top page is a page presenting the title and general information about the digital collection. Generally, it provides entries to other pages. A collection may have sub-collections. In such cases, each sub-collection may have a separate top page.

### 5.3 Search page

A search page enables queries to be made about resources in a digital collection.

### 5.4 Browsing page

A browsing page presents summary information about the digital resources and provides links to the resource information pages or the resource presentation pages. This summary information may include title, name, thumbnail images, and snippets of information.

### 5.5 Resource information page

A resource information page provides information about the digital resource and/or the underlying works. It may describe a single resource or several resources. It provides link(s) to the resource download page(s) or the resource presentation page(s).

### 5.6 Resource download page

A resource download page has the function of starting the download of the digital resource. It is used when the digital resource is not displayed, or when options are available for the download of the digital resource.

### 5.7 Resource presentation page

A resource presentation page provides the digital resource itself. When the digital resource is an image or a text, it is displayed to the user directly. A resource presentation page may present additional information, such as the title of the resource.

### 5.8 Information page

An information page provides a variety of information to the users. It is also used to display help messages to the users of the system.

### 5.9 Authentication page

An authentication page enables user authentication.

## 5.10 Permission form page

A permission form page enables users to gain access rights to the digital resource.

## 6 Presentation of rights information in the service pages

### 6.1 General consideration

When the digital resources in the collection hold embedded right information in machine readable form, presentation of rights information in the service pages should be synchronized with the rights statements digitally embedded in the resource. Providers of digital collections should implement mechanisms to synchronize the embedded rights information to the human-readable presentation.

### 6.2 Top page

When all the digital resources in the collection have identical rights information, the top page may have the rights information on the page or may have the link to the rights information page.

### 6.3 Search page

A search page does not have rights information, but conditions on the rights may be included in search queries.

### 6.4 Browsing page

A browsing page may offer rights information in its summary information of the resource, if such inclusion is suitable for resource browsing purposes. The summary information may provide the link to the rights information page, if applicable.

### 6.5 Resource information page

A resource information page may include the rights information or the link to the rights information page for each digital resource.

### 6.6 Resource download page

A resource download page should provide the rights information or the link to the rights information page of the digital resource. When more than one digital resource is downloadable from that page and the rights information differs for each resource, the rights information should be provided separately for each digital resource. This includes the case that the provided resource has some options (such as choice of resolution for image data) and the rights information differs per options.

If users need to access and use the digital resource and permission is required, the link to the permission form page should be provided. If users need an account to download the resource, the service should lead to the authentication page.

### 6.7 Resource presentation page

A resource presentation page should present the rights information or the link to the rights information page pertaining to the digital resource presented. When the page includes more than one digital resource with different rights information, each digital resource should be separately presented.

If users need to access and use the digital resource and permission is required, the link to the permission form page should be provided.



Rights information on a resource presentation page may be omitted if the previous page in the sense of the user's operation already presents the rights information for the digital resource.

**EXAMPLE** When the user reaches the resource presentation page through the link on the resource information page which presents the rights information, the rights information on the resource presentation may be omitted. When the user reaches the resource presentation page directly from a search engine, the rights information on the resource presentation page should not be omitted.

## **6.8 Rights information page**

A rights information page is a separate page to present the rights information. It may be divided into two or more pages for the readability of end-users.

The whole or some parts of the rights information may be external to the rights page. The rights information page may provide links or references to an external resource.

## Annex A (informative)

### Community supported expressions

#### A.1 Rights expressions and human-readable presentations

There are many kinds of rights expression languages. It is necessary to use a machine-readable form of rights information to manage the substantial size of digital resources. Human-readable rights information can be generated from these rights expressions. In addition, there are many vocabularies for rights information including patterned licenses. Some of them are associated with human-readable text representation and/or their specific logos.

This annex lists examples of such expressions concerning (to some extent) human-readable rights information.

NOTE The following examples are not comprehensive.

#### A.2 Examples

##### A.2.1 Creative Commons

Creative Commons provides patterned license for creators.

<https://creativecommons.org/>

##### A.2.2 Rightsstatements.org

RightsStatements.org provides a set of standardized rights statements mainly for cultural heritage institutions.

<https://rightsstatements.org/>

##### A.2.3 Opensource.org

GNU general public license (GNU-GPL) is a widely used free software license. Several other patterned licenses are available for software and related objects.

<https://opensource.org/licenses>

##### A.2.4 Traditional Knowledge (TK) Labels

Traditional Knowledge (TK) Labels are tools for indigenous communities to express community-specific restrictions regarding access and use.

<https://localcontexts.org/tk-labels/>

##### A.2.5 OEL Toolkit

OEL Toolkit is for the Australian education community. The toolkit generates description of rights information for the applied resource.

<http://www.oel.edu.au/>

### **A.2.6 ONIX-PL**

ONIX for Publications Licenses (ONIX-PL) is an XML based language for the communication of license terms. It does not provide specific tools for the human-readable rendition. It is not difficult to create human-readable text representation from the ONIX-PL expression.

<https://www.editeur.org/21/ONIX-PL/>

### **A.2.7 MPEG-21 Rights expression language**

ISO/IEC 21000-5<sup>[2]</sup> is a machine readable language to express intellectual property rights and provides a wide range of semantics and syntax. It does not provide tools for the human-readable rendition. It is possible to derive a human-readable representation from the rights expression.

## Bibliography

- [1] ISO 5127, *Information and documentation — Foundation and vocabulary*
- [2] ISO/IEC 21000-5, *Information technology — Multimedia framework (MPEG-21) — Part 5: Rights expression language*
- [3] White Paper: Recommendations for Standardized International Rights Statements, International Rights Statements Working Group, <https://rightsstatements.org/en/documentation/rights-statements-white-paper/>



## Bureau of Indian Standards

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Amendments are issued to standards as the need arises on the basis of comments. Standards are also reviewed periodically; a standard along with amendments is reaffirmed when such review indicates that no changes are needed; if the review indicates that changes are needed, it is taken up for revision. Users of Indian Standards should ascertain that they are in possession of the latest amendments or edition by referring to the website-[www.bis.gov.in](http://www.bis.gov.in) or [www.standardsbis.in](http://www.standardsbis.in).

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