

NII Workshop 2024

**The 34th EAJRS Conference :
Japanese resources in the age of digital connectivity
and artificial intelligence**



Fri. 13th Sep. 2024

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National Institute of Informatics



1. NII services & statistics

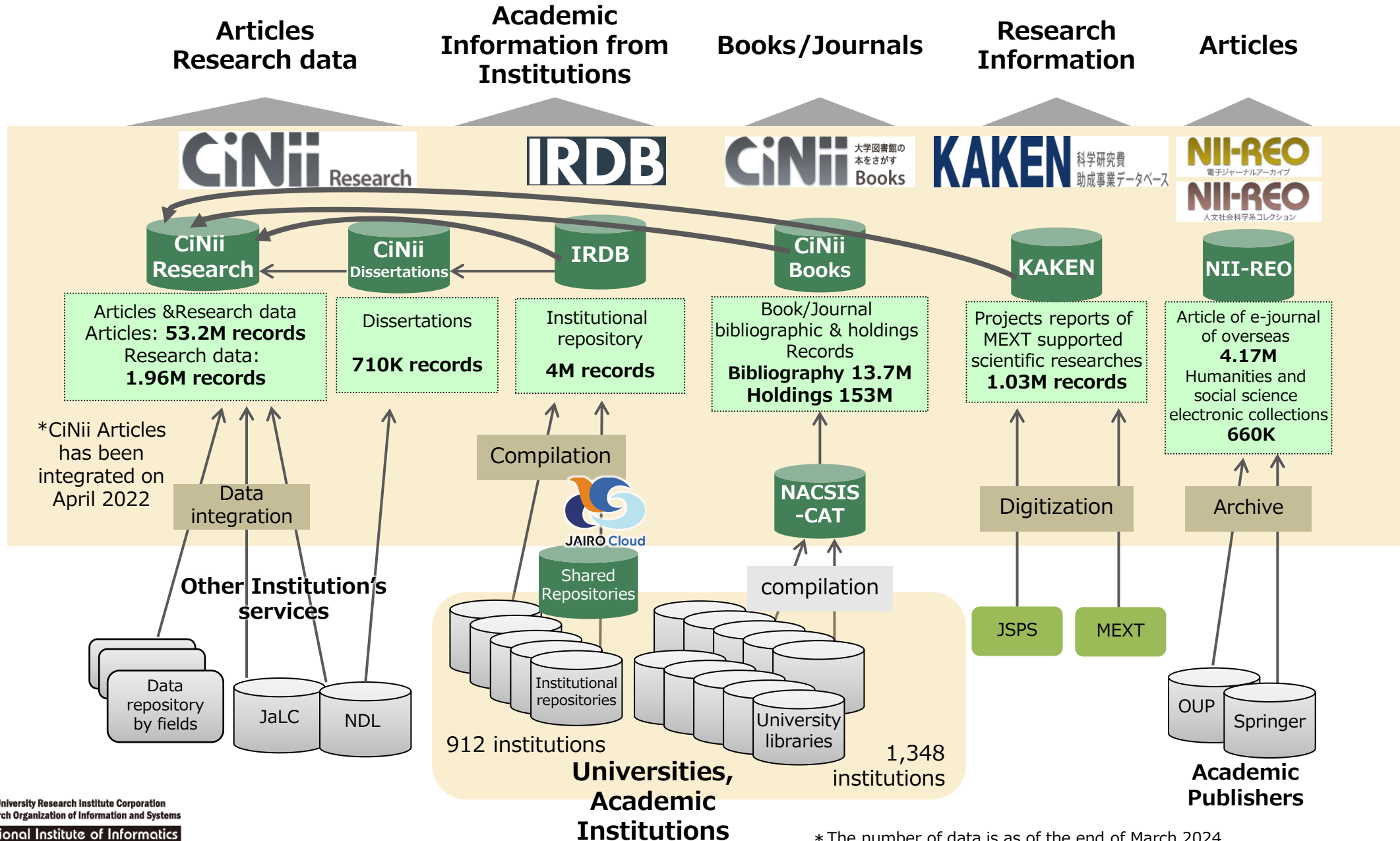
2. New NACSIS-CAT/ILL

3. E-resources Data Sharing Services

4. Future Direction

5. Q & A





* The number of data is as of the end of March 2024



CiNii Research <https://cir.nii.ac.jp/>

The CiNii Research is a new service from the National Institute of Informatics.



- **CiNii Dissertations and CiNii Books will continue to operate in parallel with CiNii Research for a certain period of time after we begin integrating their functions in CiNii Research.**
- **All the access to the CiNii Dissertations and CiNii Books will be redirected to the CiNii Research after the parallel operation period is over.**

Service	Integration Date	Parallel Operation after Integration	Redirection to CiNii Research
CiNii Dissertations	early Dec. 2024	for six months	available
CiNii Books	2nd half of FY2025	for one year	available



More than **70 million** data including, articles, books, journals, research projects, dissertations and research data.

Articles	53,209,170
Books and Journals	13,386,895
Research Projects	1,032,506
Dissertations	714,438
Research data	1,956,830
Others	2,244,488
Total	72,544,327

* The number of data is as of the end of March 2024

These NII services data also included.

CiNii 日本の博士論文をさがす
Dissertations

CiNii 大学図書館の本をさがす
Books

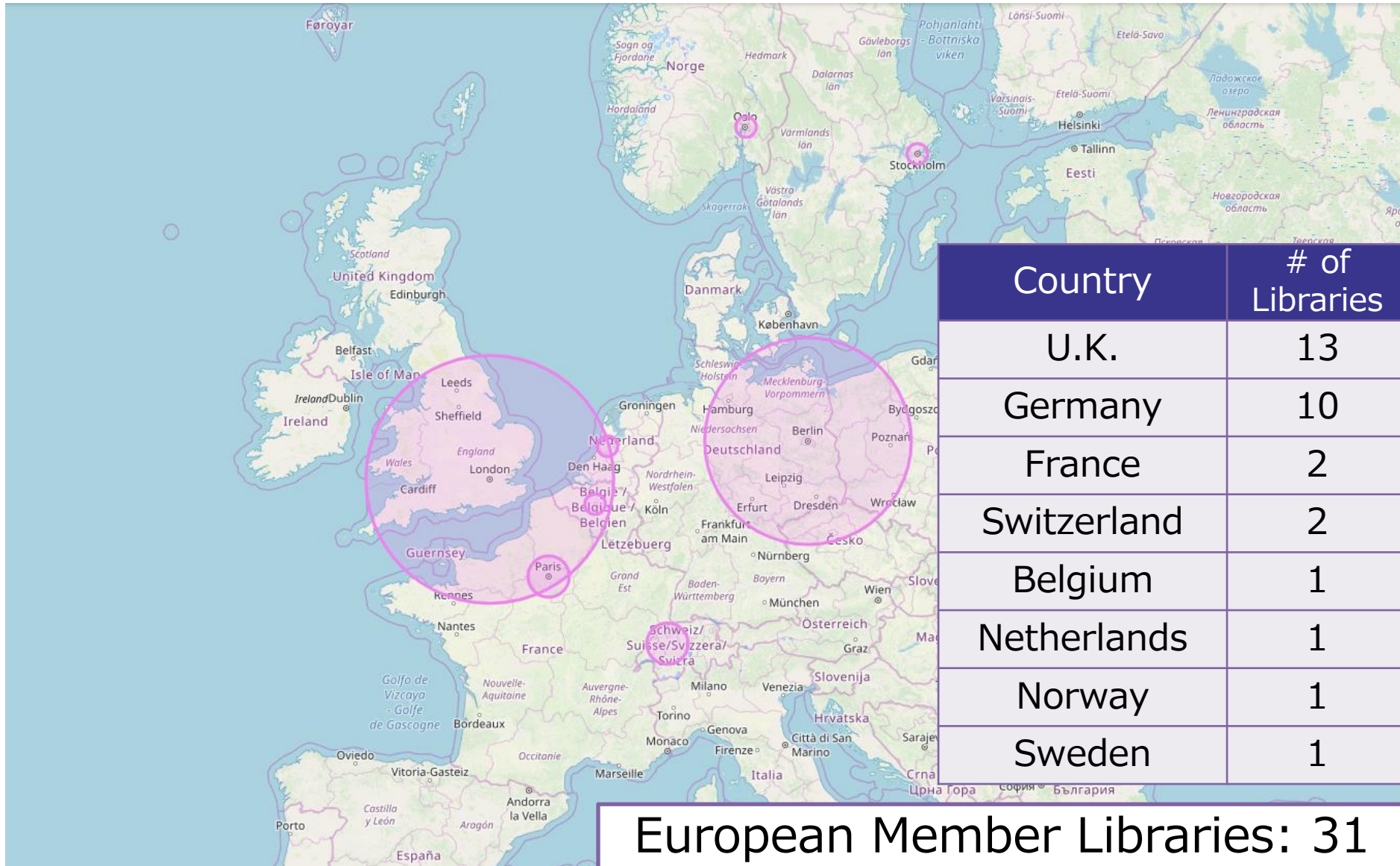
IRDB 学術機関リポジトリデータベース
Institutional Repositories DataBase

KAKEN 研究課題をさがす
科学研究費助成事業データベース

- Integrated knowledge discovery infrastructure
- Integration through entity relationships



NAC SIS-CAT Member Libraries in Europe



1	Staatsbibliothek zu Berlin	190,584
2	Oxford University	89,478
3	Cambridge University	64,580
4	SOAS Library, University of London	47,398
5	The British library	44,044
6	Universität Heidelberg	29,070
7	Japanisches Kulturinstitut Köln (The Japan Foundation)	24,407
8	Centre Européen d'Etudes Japonaises d'Alsace	21,183
9	East-Asian Library KU Leuven	18,738
10	Sainsbury Institute	18,222

(Books & Journals: as of July 2024)



1	Staatsbibliothek zu Berlin	2,028
2	Sainsbury Institute	1,035
3	Universität Heidelberg	989
4	East-Asian Library KU Leuven	765
5	Oxford University	722
6	University of Zuerich	529
7	Japanisches Kulturinstitut Köln (The Japan Foundation)	337
8	Cambridge University	293
9	Universität München	163
10	Japan Information & Cultural Centre Library, Embassy of Japan, London	30

(Books & Journals: Aug 2023 – July 2024)



	Country	Number of Searches			
			11	Czech Republic	374,893
1	France	11,856,041	12	Slovakia	329,523
2	Germany	10,640,918	13	Spain	314,750
3	England	4,863,307	14	Austria	296,022
4	Latvia	1,660,914	15	Norway	295,353
5	Netherlands	1,404,177	16	Ukraine	214,996
6	Romania	926,873	17	Poland	192,917
7	Sweden	908,961	18	Bulgaria	163,568
8	Ireland	662,280	19	Belgium	138,655
9	Italy	530,383	20	Denmark	83,850
10	Switzerland	411,182		Sum	36,951,290

* The number of data is from April 2014 to end of the March 2024

* The number is based on country code



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News Release

2023/03/30

The NACCIS-CAT/ILL Catalog Information Service for University Libraries and Other Institutions

Taking a new step towards the international distribution of metadata with a new system

Japanese: <https://www.nii.ac.jp/news/release/2023/0330.html>

English: <https://www.nii.ac.jp/en/news/release/2023/0330.html>

Key Points

- **As CATP is now interoperable with MARC21, future extensibility and universality are assured**
- **Application of NCR2018, which is interoperable with RDA, to NACSIS-CAT/ILL will promote international distribution of bibliographic data**



- **FAQ (in Japanese)**

– https://contents.nii.ac.jp/catill/project_reference/project/new-cat_ill/faq

The screenshot shows the website header with the NII logo and the text "国立情報学研究所 目録所在情報サービス" and "NACISIS-CAT/ILL Catalog Information Service". There are language selection buttons for "日本語" and "English", and a search bar with "Google 提供". A navigation menu contains links for "事業について", "申請", "マニュアル", "研修", "統計", "ツール", and "プロジェクト・参考". The breadcrumb trail is "ホーム / プロジェクト・参考 / プロジェクト / 【2023年1月31日以降】2023年以降の目録所在情報 システム(新NACISIS-CAT/ILL) FAQ". The main heading is "【2023年1月31日以降】2023年以降の目録所在情報 システム(新NACISIS-CAT/ILL) FAQ". Below it is a sub-heading "新NACISIS-CAT/ILL Q&A". A list of questions is partially visible, starting with "01. NCIDのプロビュアは変わりましたか？".



- A single-byte space is required before “(” in additional notes of some fields.
- If the name in HDNG field of the Author’s Name Authority Data is “first name, last name” like “夏目, 漱石”, NACSIS-CAT will automatically insert a space before the “(” even if there is no space.
- If the name is not in the “first name, last name” format, such as an organization name, please enter a space before the “(” on your own.
- The fields that require a space before the “(” are as follows.

Data	Field
Book Bibliographic (BOOK) data, Serial Bibliographic (SERIAL) data	AHDNG, AHDNGR, AHDNGVR
Author’s Name Authority (NAME) data	<ul style="list-style-type: none"> • HDNGD, HDNGR, HDNGVR • SAFD, SAFR, SAFVR • SFD, SFR, SFVR
Uniform Title Authority (TITLE) data	<ul style="list-style-type: none"> • UTHDNG, UTHDNGR, UTHDNGVR • SAFD, SAFR, SAFVR • SFD, SFR, SFVR



- To register a surrogate pair character (4-byte character) as a UCS External Characters, append a “U” at the beginning of each of the two UTF-16 character codes and enclose it in ◆.
 - E.g. “丈” → Unicode: 2000B → UTF-16: D840 DC0B → “◆UD840◆◆UDC0B◆”
- If there is only one character code when Unicode is converted to UTF-16, then the character is not a surrogate pair character.
- When registering characters other than surrogate pair characters to NACSIS-CAT, please input the relevant characters directly.
 - E.g. “𠄎” → Unicode: 3402 → UTF-16: 3402 → “𠄎” (not “◆U3402◆”)

More information (in Japanese):

https://contents.nii.ac.jp/catill/manuals/system/cat_ill/client/vista



- In the old system, forward match search was not possible for code fields such as LCCN, etc. In the new system, forward match search is possible for all fields.

[\[図書書誌検索\]](#)
[\[著者名典拠検索\]](#)
[\[統一書名典拠検索\]](#)
[\[参加組織検索\]](#)
[\[ログアウト\]](#)

図書書誌検索 (業務用サーバ)

参照ファイル 表示件数: 件

TITLE=
 PTBL=
 VOL=
 TITLE/PTBL/VOL=
 AUTH=
 ISBN/ISSN: NBN: NDLCN/LCCN/OTHN:
 PUB= YEAR:
 PLACE= CNTRY: LANG:
 SH=
 FTITLE= AKEY=
 ID: PID:
 FILE:

- The PDF Records Adjustment Report (レコード調整連絡票) used to be sent once every three months, but is sent once every six months from March 22nd 2024.
- The “Book: Holdings Data Replacement Report (図書：所蔵付替報告)” and “Serial: Holdings Data Replacement Report (雑誌：所蔵付替報告)” will be sent by e-mail instead of PDF. The email is sent once a week.

More information (in Japanese):

<https://contents.nii.ac.jp/catill/news/cat/2024-03-08>

How to read the Record Adjustment Report (in Japanese):

https://contents.nii.ac.jp/sites/default/files/catill/2024-03/record_manual.pdf

- **Due to the system migration, NACSIS-CAT's character inclusion and normalization specifications have changed.**
- **Please refer to the following page for the specifications of character inclusion and normalization in the new system.**
 - About normalization processing in NACSIS-CAT (in Japanese):
https://contents.nii.ac.jp/catill/manuals/cat/mannual/cat_normalization
 - Updated list of inclusion and normalization processes in the new NACSIS-CAT (in Japanese):
<https://contents.nii.ac.jp/catill/news/cat/2024-06-20>
- **For NACSIS-ILL and the Participating Organization (MEMBER) data, the character inclusion specifications are the same as in the old system.**
- **There are no fields for normalization in NACSIS-ILL and MEMBER data.**



Nippon Cataloging Rules 2018 edition (NCR2018)

■ Text version (ISBN : 978-4-8204-1814-6, \5000):

<http://www.jla.or.jp/publications/tabid/87/pdid/p11-0000000516/Default.aspx>

■ PDF version (free):

<https://www.jla.or.jp/mokuroku/ncr2018>

NCR2018 is based on the FRBR (Functional Requirements for Bibliographic Records) model and ensures interoperability with Original RDA, while also taking into account the publishing situation and cataloging practices in Japan.

Background:

- The National Diet Library, Japan began applying the NCR2018 in January 2021.
- The TRC began applying the NCR2018 in January 2022.



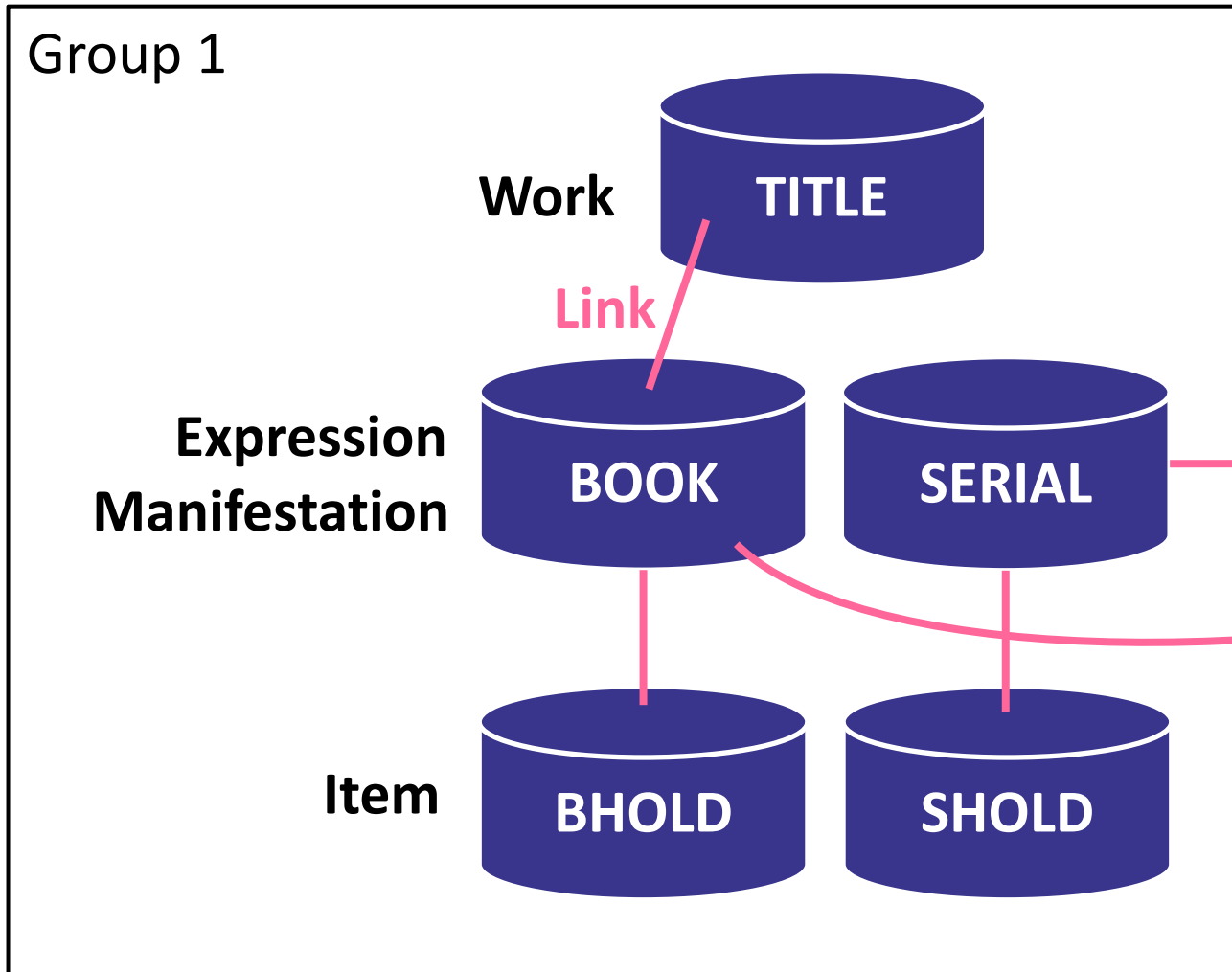
- 1. Use the same cataloging rules for materials in all languages**
- 2. Introduction to FRBR model**
- 3. Add new codes**



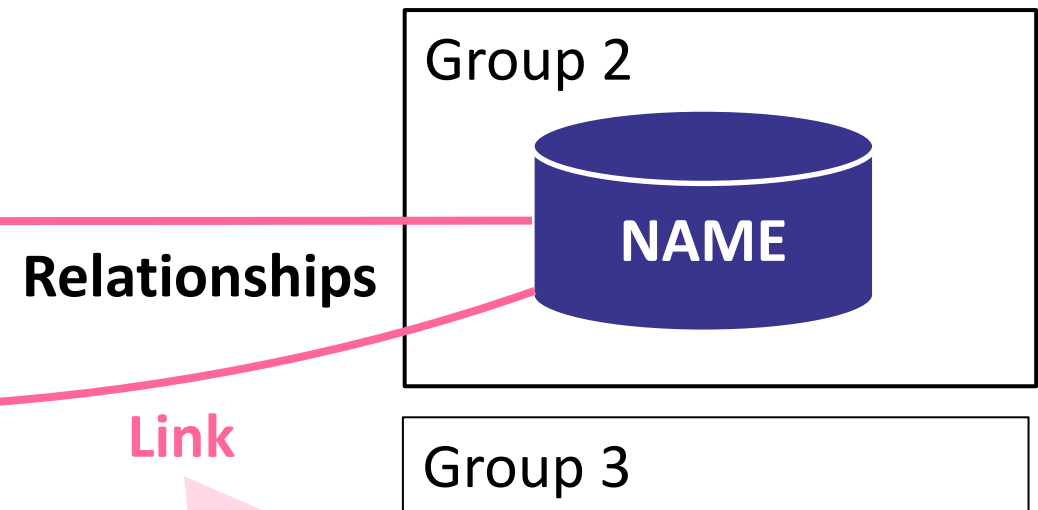
1. Use the Same Cataloging Rules for Materials in All Languages

Title (body) language	Cataloging Rules	
	Before	After
Japanese, Chinese, Korean (和資料)	NCR87R, NCR87R3	NCR2018
Others (洋資料)	AACR2R	





- The old “Unified Title Authority (統一書名典拠)” is used as the “Works Authority (著作典拠).”
- Describing Expression and Manifestation in bibliographic data.



In the case of an AL link, the relationship designator is described in the Other Information (AF) field.

BOOK, SERIAL	タイトルの種類コード (VTK) ET 先行タイトル (earlier title proper) LT 後続タイトル (later title proper)
	出版等の役割表示 (PUBF) d 頒布表示 (distribution) p 制作表示 (production) c 著作権日付 (copyright notice date)
	件名の種類コード (SHK) N 家族 (family)
NAME	著者名典拠の属性コード (TYPE) f 家族 (family)



- **Sep. 9th, 2024: Manuals release (in Japanese)**
 - Coding Manual*: https://catill.bitbucket.io/CM_new/mokuji.html
 - Cataloging Information Standards*: <https://catill.bitbucket.io/KIJUN/new/kijun6.html>
 - Self-learning materials: <https://contents.nii.ac.jp/hrd/product/cat/slcat>
- * These URLs will be changed after the NCR 2018 is applied.
- **Sep. 13th, 2024: Briefing session (in Japanese)**
 - Recording will be released
<https://contents.nii.ac.jp/korekara/libsysnw/event#2024>
- **Oct. 31st, 2024: NCR2018 application started (planned)**



1. NII services & statistics

2. New NACSIS-CAT/ILL

3. E-resources Data Sharing Services

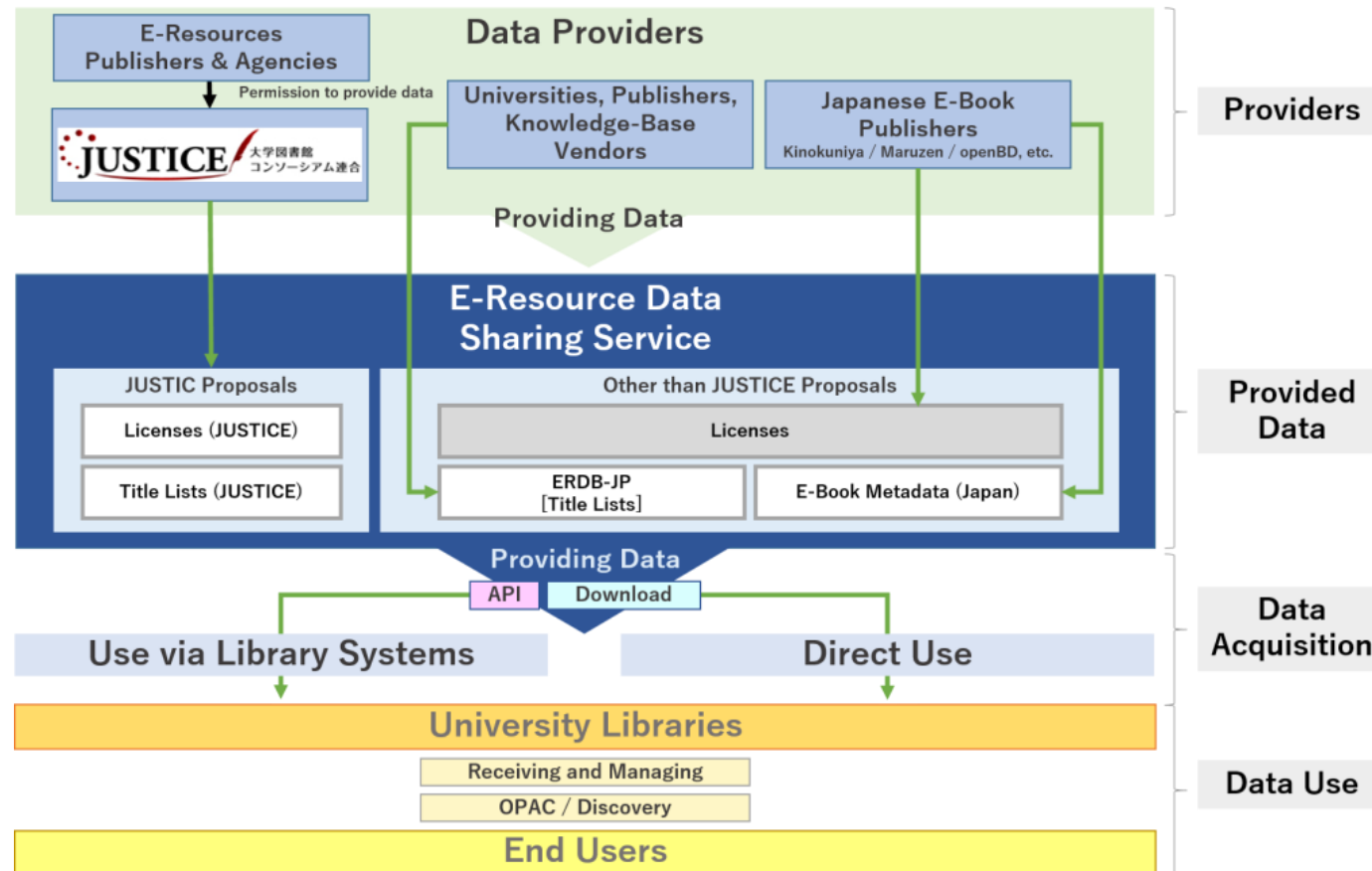
4. Future Direction

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E-resource Data Sharing Service (電子リソースデータ共有サービス)

<https://contents.nii.ac.jp/en/korekara/libsysnw/e-resources>





A data-sharing service for e-resources published in Japan

<https://erdb-jp.nii.ac.jp/>

- **ERDB-JP is looking for partner institutions who wish to build the data together.**
 - Recent New Partners: Sainsbury Institute for the Study of Japanese Arts and Cultures, the University of Washington Libraries
 - What's the Partners?: https://erdb-jp.nii.ac.jp/en/content/whats_partners
 - Partners List: https://erdb-jp.nii.ac.jp/en/content/partners_list
- **ERDB-JP contents are distributed to other knowledgebases (e.g., Alma's central knowledgebase).**



Licenses (JUSTICE): A service to share license terms of e-resource products submitted to JUSTICE (the Japan Alliance of University Library Consortia for E-Resources)

<https://contents.nii.ac.jp/korekara/libsysnw/e-resources/licenses-justice>

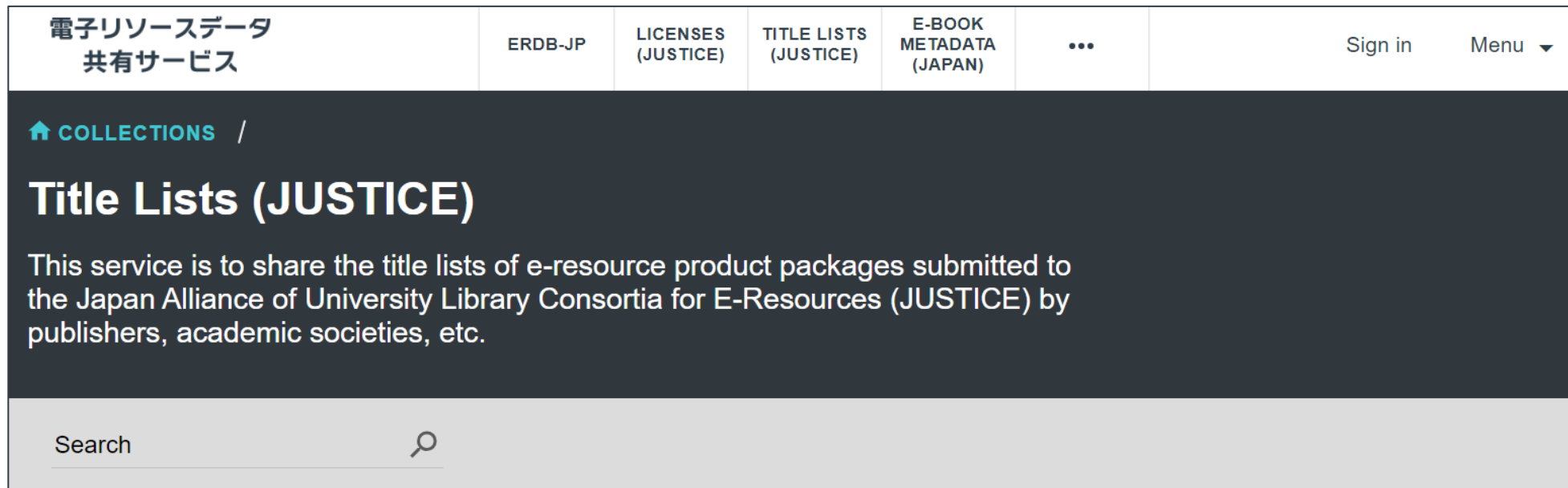
- Limited to JUSTICE member libraries
- JUSTICE members can download data manually from the site or retrieve it using the API.



Title Lists (JUSTICE): A service to share title lists described in KBART II format of e-resource product packages submitted to JUSTICE

<https://contents.nii.ac.jp/korekara/libsysnw/e-resources/titlelists-justice>

- Open Web Service
- Everyone can download data manually from the site.



The screenshot shows the website interface for 'Title Lists (JUSTICE)'. At the top, there is a navigation bar with the following items: '電子リソースデータ 共有サービス', 'ERDB-JP', 'LICENSES (JUSTICE)', 'TITLE LISTS (JUSTICE)', 'E-BOOK METADATA (JAPAN)', a three-dot menu icon, 'Sign in', and 'Menu'. Below the navigation bar, there is a breadcrumb trail: 'COLLECTIONS /'. The main heading is 'Title Lists (JUSTICE)'. Below the heading, there is a descriptive paragraph: 'This service is to share the title lists of e-resource product packages submitted to the Japan Alliance of University Library Consortia for E-Resources (JUSTICE) by publishers, academic societies, etc.'. At the bottom of the page, there is a search bar with the text 'Search' and a magnifying glass icon.

E-book Metadata (Japan) [Prototype]: A service for sharing the Japanese e-book metadata collected and integrated from Japanese e-book publishers* etc.

<https://contents.nii.ac.jp/korekara/libsysnw/e-resources/ebooks>

- Open Web Service
- Everyone can download data manually from the site.
- ***Data Providers:**

- EBSCO eBOOKS (EBSCO)
- Kinoden (Kinokuniya Company)
- JapanKnowledge (NetAdvance)
- Maruzen eBook Library (MARUZEN-YUSHODO Company)
- Medical Online (Meteo)
- openBD

電子ブックメタデータ (国内) プロトタイプ

ERDB JP ライセンス (JUSTICE) タイトルリスト (JUSTICE) LIBRARY SEARCH ... Menu

Search E-Book Metadata (Japan) ADVANCED SEARCH

Service Overview

The E-Resource Data Sharing Service is a service for sharing data that is highly common, such as title lists and terms of use for e-resources (e-journals, e-books, databases, etc.) provided by libraries and other organizations. We are currently providing the following services:

- **ERDB-JP :**
This is a data-sharing service for e-resources published in Japan. The registered data is created through the collaboration of universities, publishers and knowledge-base vendors, and is made available under CC0 1.0 Universal.
- **Licenses (JUSTICE) :**

Notices

2024年08月22日
「NACSIS-CAT・NCR2018適用はじまる : コーディングマニュアル・目録情報の基準改訂説明会」の開催について

2024年08月07日
<メンテナンス情報>システムメンテナンスに伴うWebサイトの停止について (8/22 9:00-10:00)

2024年08月02日
学生情報基盤オープンポータル「DXを実現す



1. NII services & statistics

2. New NACSIS-CAT/ILL

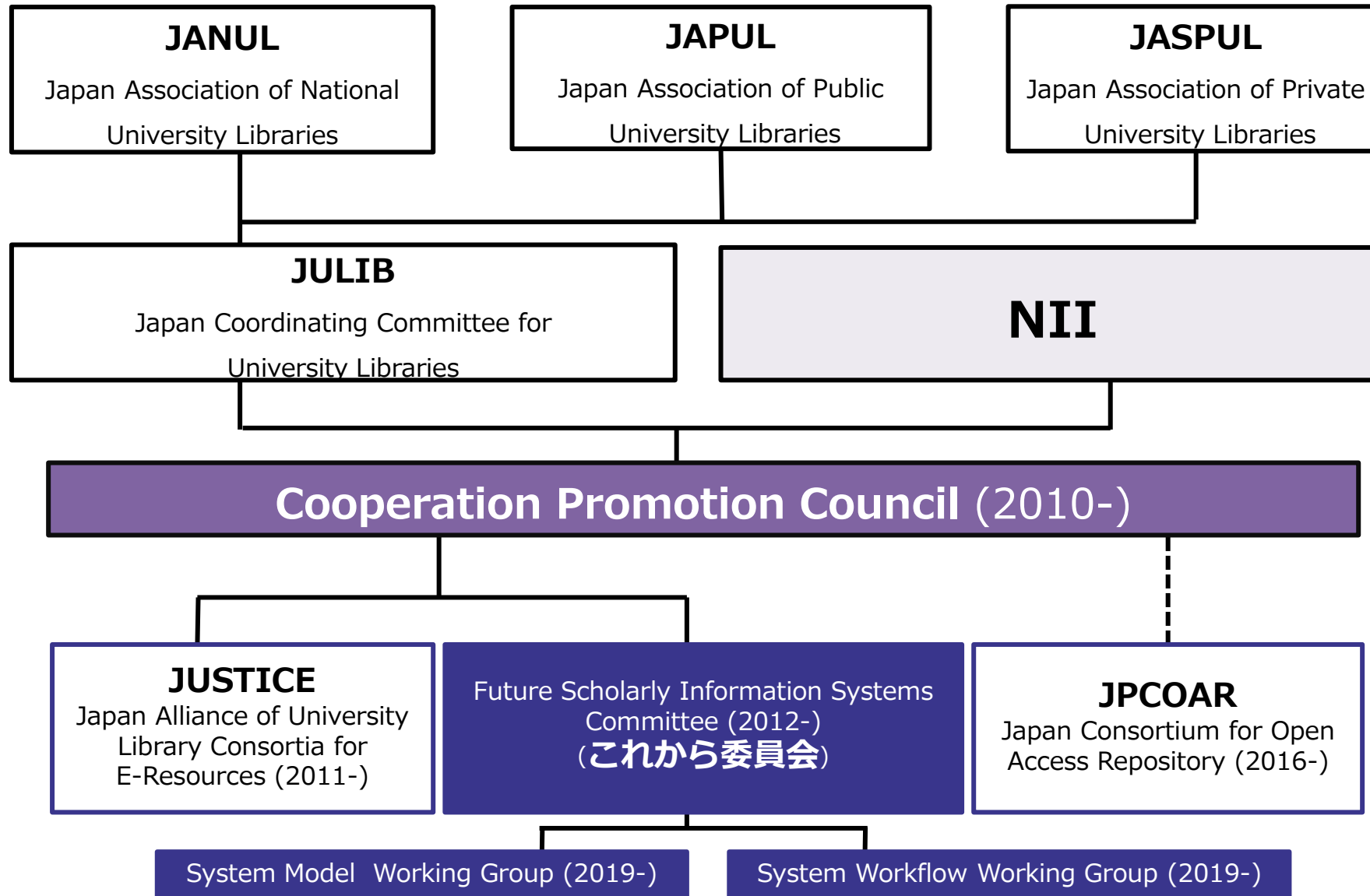
3. E-resources Data Sharing Services

4. Future Direction

5. Q & A



Organization



A document which summarises its vision, operational goals, and organisational structure

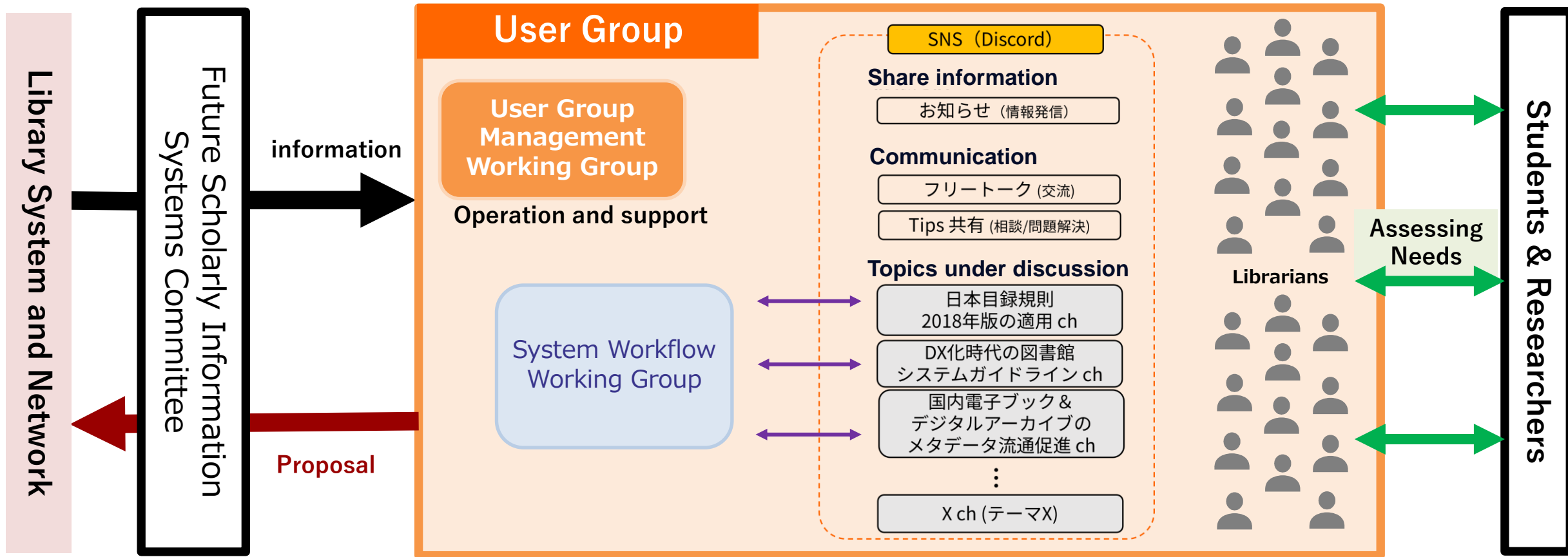
- Japanese: <https://doi.org/10.20736/0002001738>
- English: <https://doi.org/10.20736/0002001789>

The Vision

1. Researchers, students and others can easily search and retrieve scholarly information they need for research, education and learning in a one-stop manner.
2. The libraries can achieve optimal services, including more efficient cataloguing, by combining various metadata and utilising joint use systems.
3. The libraries can also cooperate with relevant departments within its institution and provide internal and external users with data on articles, books, research data and other results produced by its institution.

User Group and NACSIS-CAT/ILL

“User Group” is a structure of User-participatory communication for “the Library System and Network”.



- All NACSIS-CAT/ILL user will join the User Group.
- Participation fee is free.
- Started from April 2023.

UG_図書館システム... # フリートーク

2024年8月9日

10:37 NII) 杉山 沙織 @everyone

【参加者募集 🗣️ : NACSIS-CATの特殊言語の目録に関する意見交換会】

先日、大英図書館(The British Library)の目録担当者の方々と打ち合わせを行った際、NACSIS-CATの特殊言語（ここでは、欧米言語、日本語、中国語、韓国・朝鮮語以外の意味）の目録の品質が高く、RomanizationもALA-LC翻字形に正しく登録されているデータも多いことから、大英図書館でも、これらのNACSIS-CATのデータを利用したいとのお話がありました。

また、大英図書館から、大英図書館もNACSIS-CATに参加しており、NACSIS-CATの特殊言語の目録担当者の方々と、お互いの目録作業の効率化のため、どのような連携や協働が可能かフランクに意見交換をしたいとのことでした。なお、意見交換は日本語で行います。

つきましては、大英図書館との意見交換にご関心をお持ちの方は、**OK**ボタンでリアクションしていただきたく、よろしくお願いいたします。そのほか、質問やコメント等ありましたら下記のスレッド【NACSIS-CATの特殊言語の目録に関する意見交換会】にお寄せください。

OK 8 🙄 1 👍 3 😊

NACSIS-CATの特殊言語の目録に関する意見交換会 2件のメッセージ

このスレッドには最近、メッセージが投稿されていません。 9日前



Updates will be announced (in Japanese)

About NACSIS-CAT/ILL:

<https://contents.nii.ac.jp/catill>

The screenshot shows the homepage of the NACSIS-CAT/ILL Catalog Information Service. At the top, there is a logo for the National Institute of Informatics (NII) and the text '国立情報学研究所 目録所在情報サービス' (National Institute of Informatics Catalog Information Service). Below the logo is a search bar with 'Google 検索' and a magnifying glass icon. A navigation menu contains links for '事業について', '申請', 'マニュアル', '研修', '統計', 'ツール', and 'プロジェクト・参考'. The main content area is titled '目録所在情報サービス(NACSIS-CAT/ILL)について' and contains introductory text about the service. Below this is a 'ニュース' (News) section with a 'ニュース一覧' link and RSS icons for CAT and ILL. Two news items are visible: one dated 2024/08/26 about record adjustments and another dated 2024/08/22 about the NACSIS-CAT-NCR2018 application.

About E-resource Data Sharing Services, the User Group, and the Committee:

<https://contents.nii.ac.jp/korekara>

The screenshot shows the homepage of the 'これからの学術情報システム構築検討委員会' (Committee for the Construction of Future Academic Information Systems). At the top, there is a header with the committee name and a search bar. Below the header is a navigation menu with links for 'ホーム', 'ニュース', '委員会・作業部会', '規程', 'ドキュメント・イベント', '図書館システム・ネットワーク', and 'お問い合わせ'. The main content area is titled 'お知らせ' (Notice) and contains a list of recent announcements. The first announcement is dated 2024-08-22 and is about the NACSIS-CAT-NCR2018 application. The second is dated 2024-08-07 and is about system maintenance. The third is dated 2024-08-02 and is about an academic information forum. The fourth is dated 2024-07-22 and is about the committee's agenda.



1. NII services & statistics

Integration of
CiNii Dissertations/Books
to CiNii Research

FAQ on system
replacement,
Applying for NCR2018

2. New NACSIS-CAT/ILL

3. E-resources Data Sharing Services

ERDB-JP partner
institutions
wanted

The Vision (2024),
User Group

4. Future Direction

5. Q & A