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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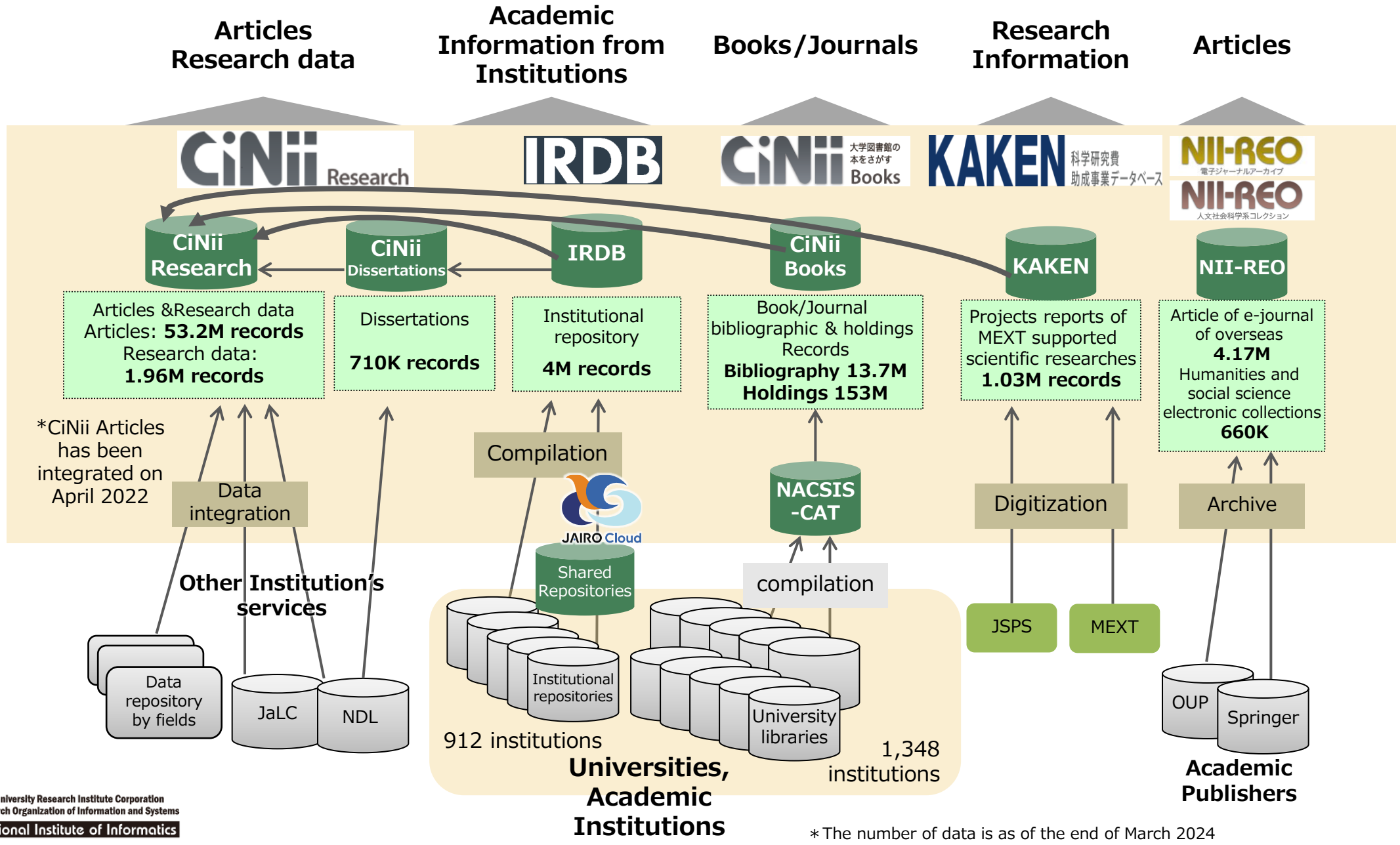
Inter-University Research Institute Corporation
Research Organization of Information and Systems
National Institute of Informatics

Agenda

1. NII services & statistics
2. New NACSIS-CAT/ILL
3. E-resources Data Sharing Services
4. Future Direction
5. Q & A

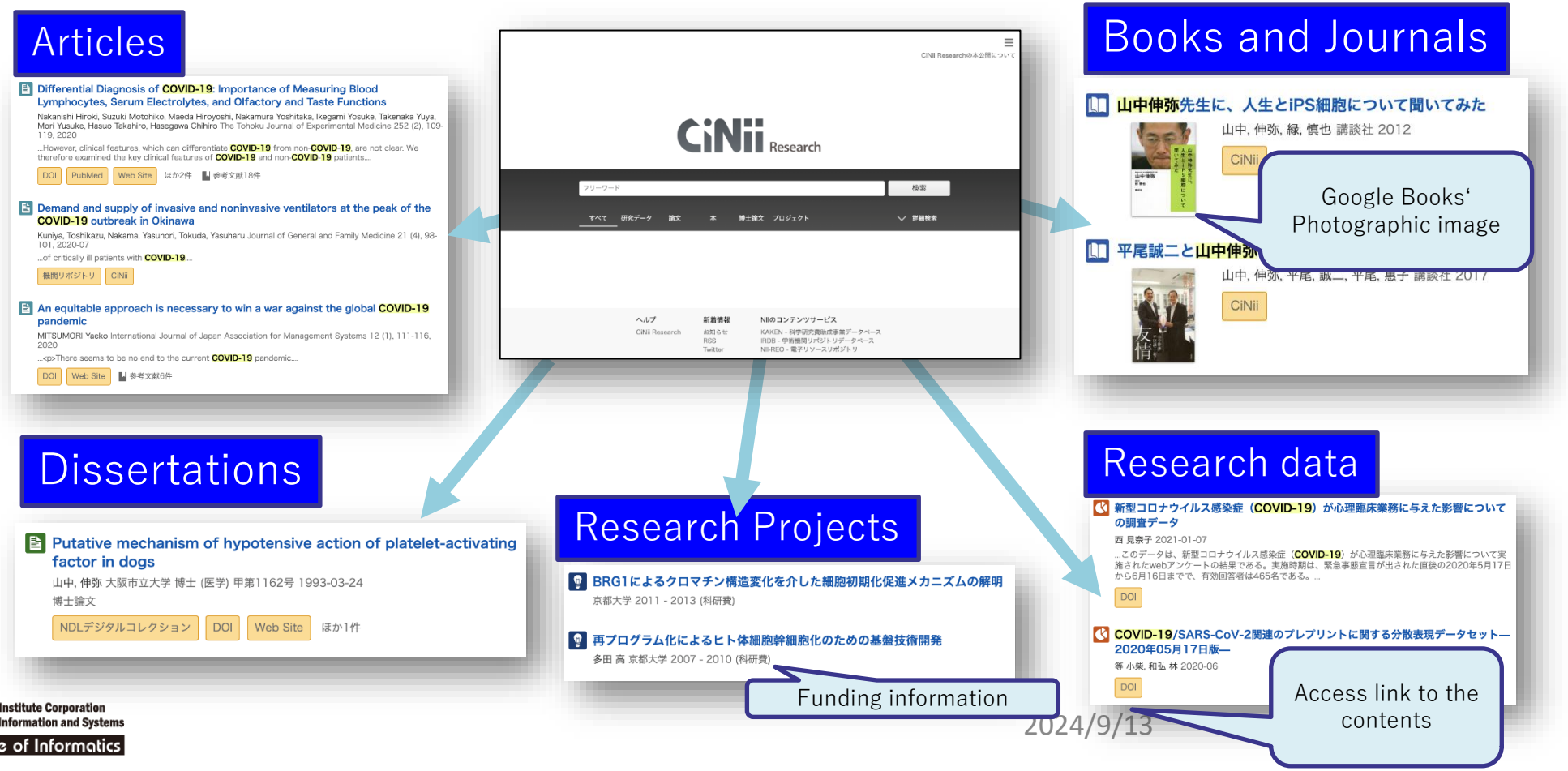
NII Scholarly Information Services



＊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

The number of data of CiNii Research

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**

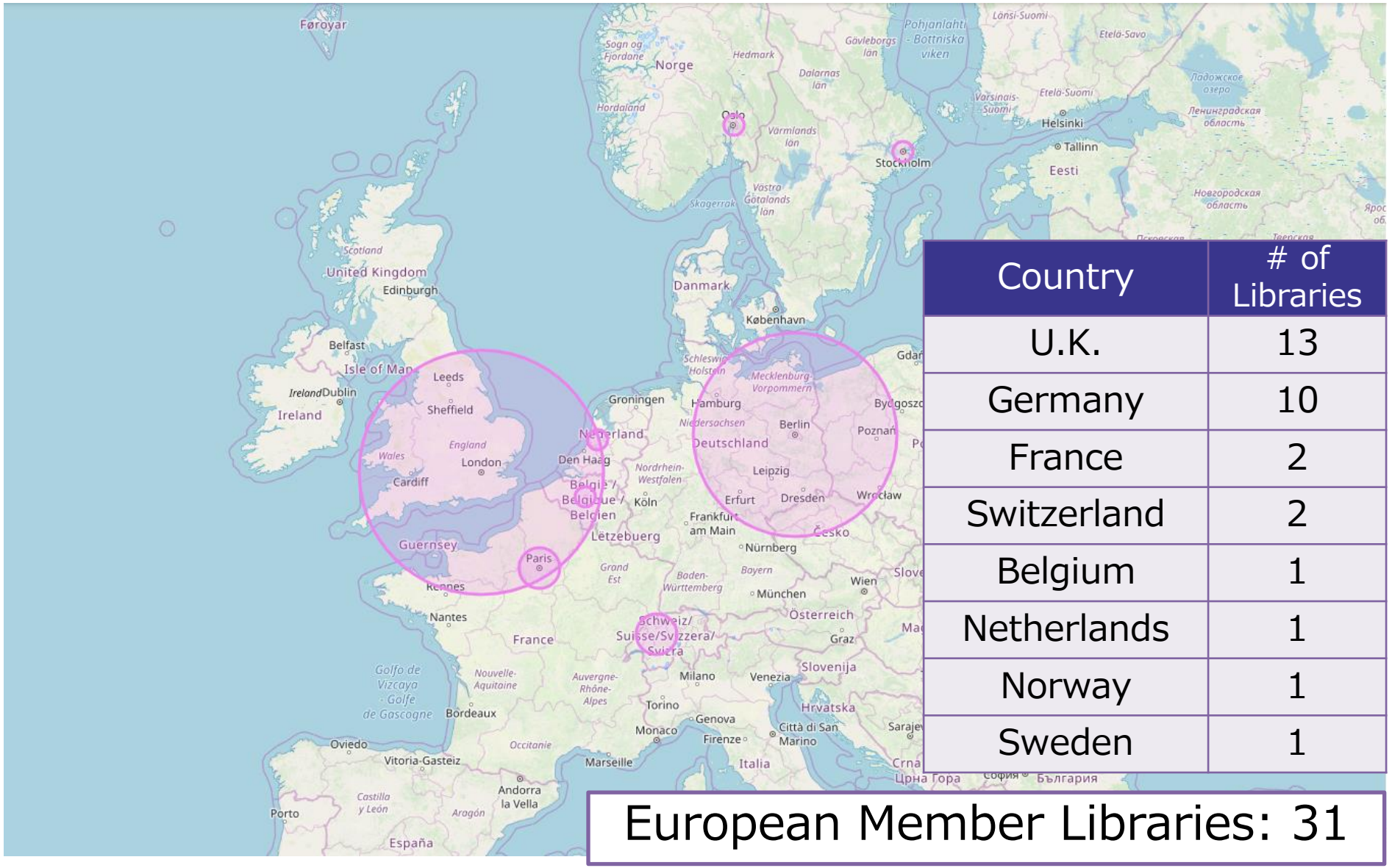
＊The number of data is as of the end of March 2024

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

NACSIS-CAT Member Libraries in Europe



Country	# of Libraries
U.K.	13
Germany	10
France	2
Switzerland	2
Belgium	1
Netherlands	1
Norway	1
Sweden	1

European Member Libraries: 31

NACSIS-CAT Top 10 Record Holders 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)

NACSIS-CAT Top 10 Increase in Record Numbers in Europe

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)

CiNii Books Access Statistics from Europe

	Country	Number of Searches
1	France	11,856,041
2	Germany	10,640,918
3	England	4,863,307
4	Latvia	1,660,914
5	Netherlands	1,404,177
6	Romania	926,873
7	Sweden	908,961
8	Ireland	662,280
9	Italy	530,383
10	Switzerland	411,182
11	Czech Republic	374,893
12	Slovakia	329,523
13	Spain	314,750
14	Austria	296,022
15	Norway	295,353
16	Ukraine	214,996
17	Poland	192,917
18	Bulgaria	163,568
19	Belgium	138,655
20	Denmark	83,850
	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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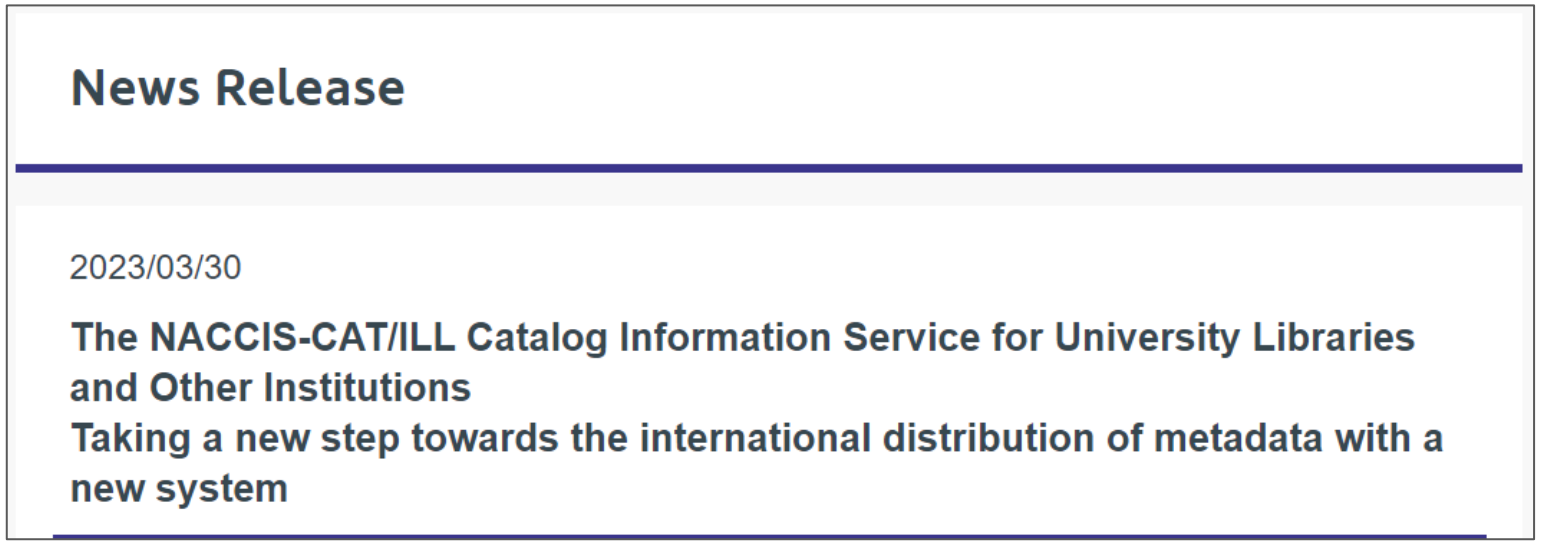
News Release about New System on March 30th 2023



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

Q4. A Single-byte Space before “(” in Additional Notes

- **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.**

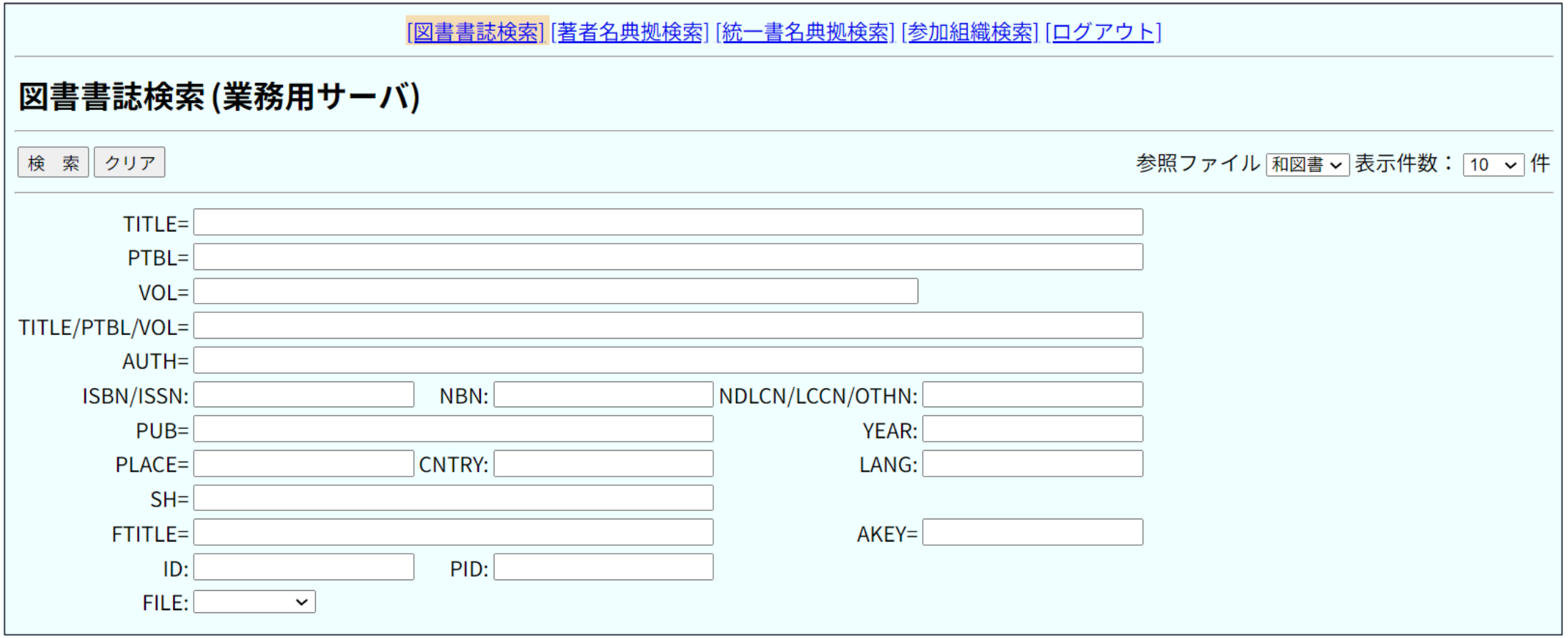
Data	Field
Book Bibliographic (BOOK) data, Serial Bibliographic (SERIAL) data	AHDNG, AHDNGR, AHDNGVR
Author’s Name Authority (NAME) data	・HDNGD, HDNGR, HDNGVR ・SAFD, SAFR, SAFVR ・SFD, SFR, SFVR
Uniform Title Authority (TITLE) data	・UTHDNG, UTHDNGR, UTHDNGVR ・SAFD, SAFR, SAFVR ・SFD, SFR, SFVR

- **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. “𠮟” → Unicode: 3402 → UTF-16: 3402 → “𠮟” (not “◆U3402◆”)

More information (in Japanese)**:**
https://contents.nii.ac.jp/catill/manuals/system/cat_ill/client/vista

Q8. Forward Match Search

- **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.**



Q10. Records Adjustment Report

- **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

Q11. Inclusion and Normalization

- **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.

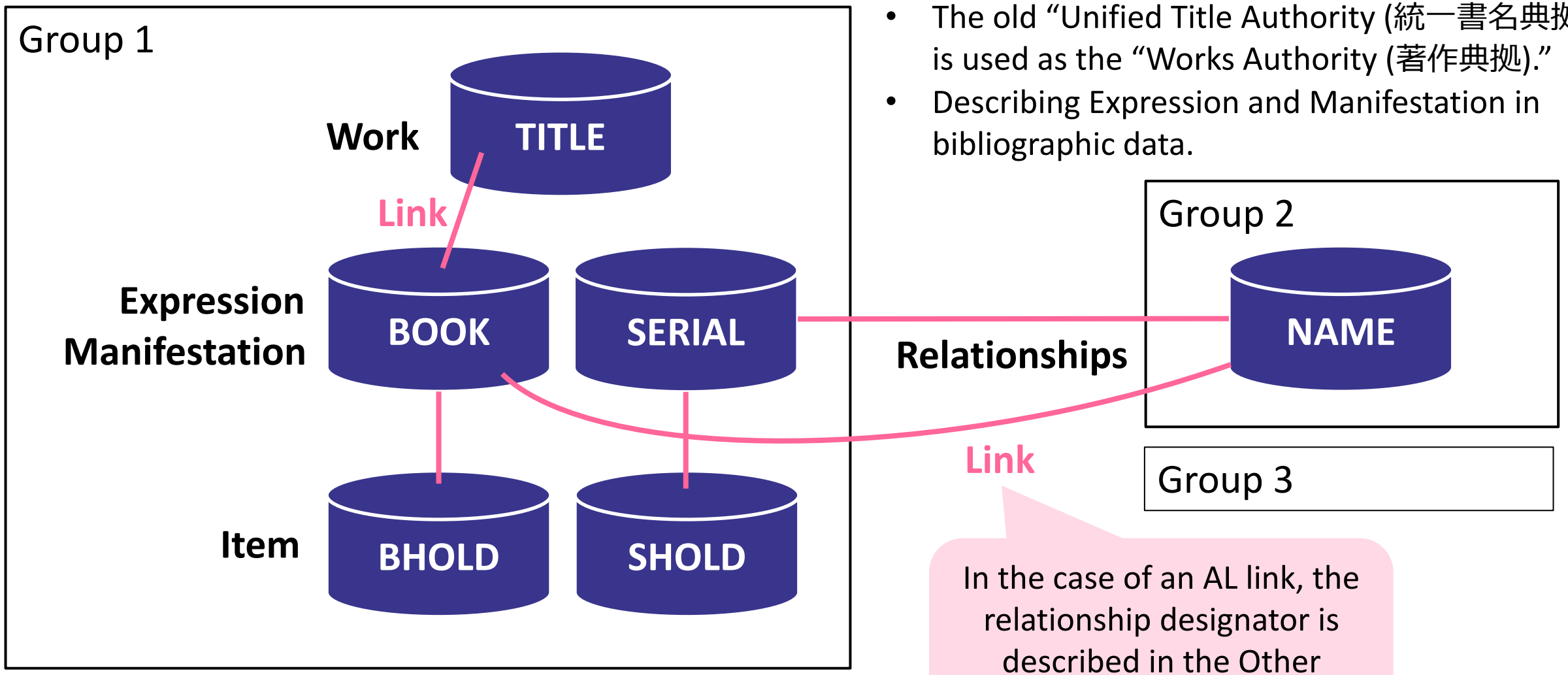
Background:

- 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)**

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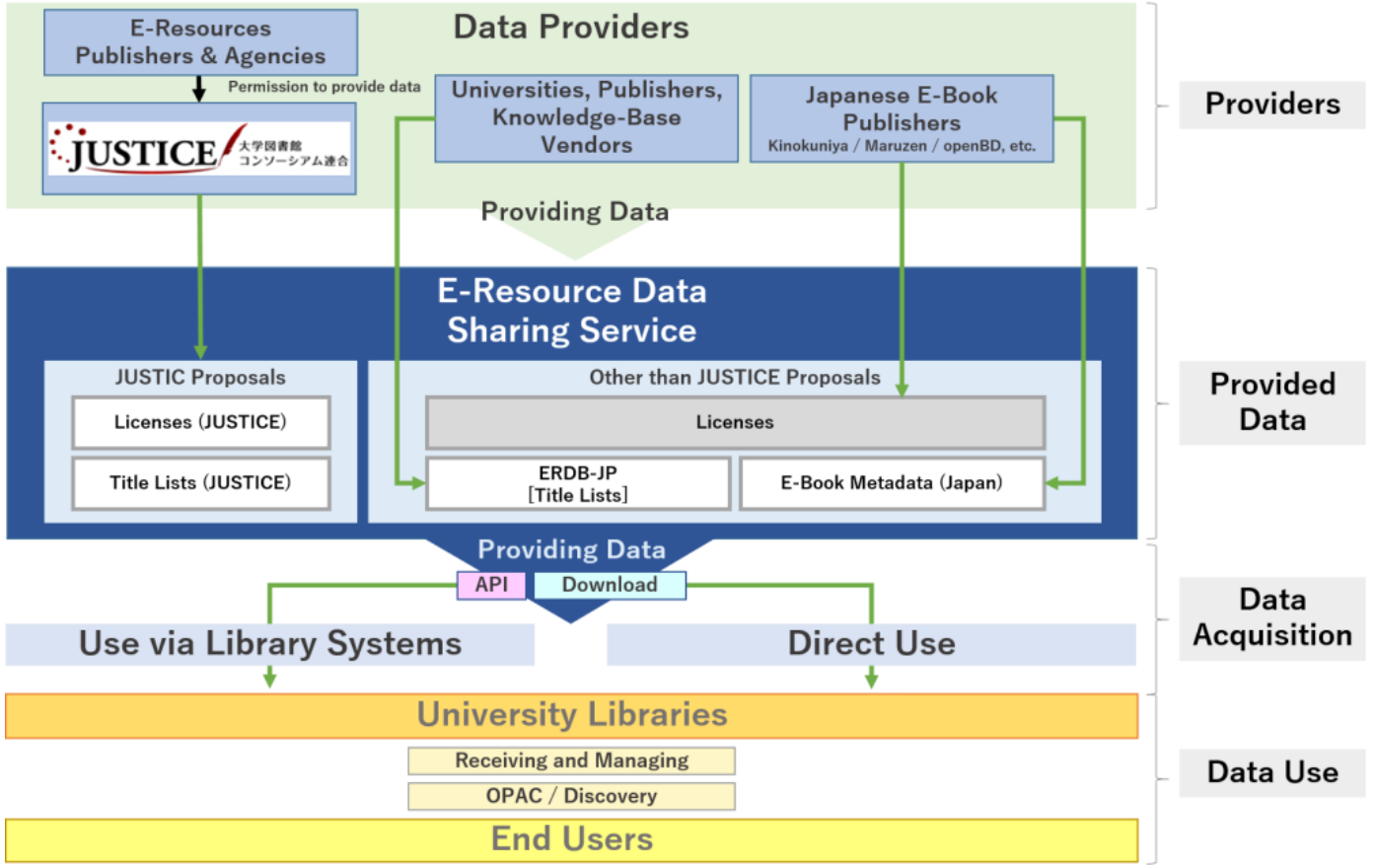
E-resource Data Sharing Service (電子リソースデータ共有サービス)

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



ERDB-JP
Electronic Resources Database-JAPAN

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

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

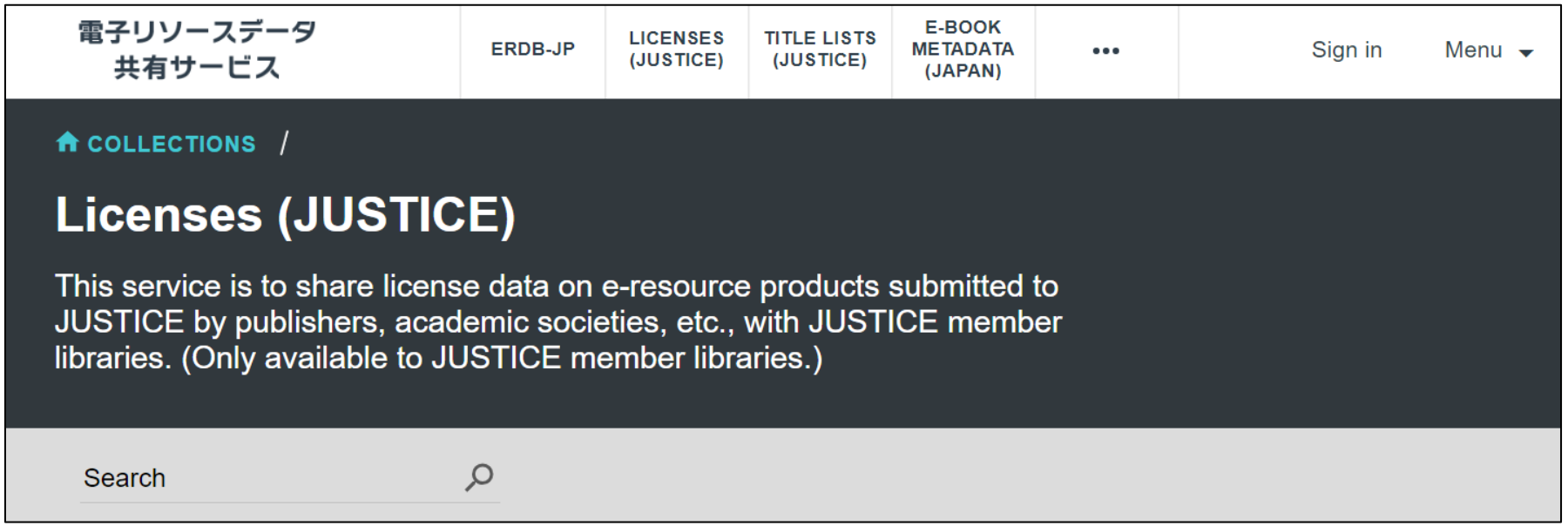
- **ERDB-JP is looking for partner institutions who wish to build the data together.**
  - Recent New Partners: Sainsbury Institute for the Study of Japanese Arts and Cultures, the University of Washington Libraries
  - What's the Partners?: https://erdb-jp.nii.ac.jp/en/content/whats_partners
  - Partners 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

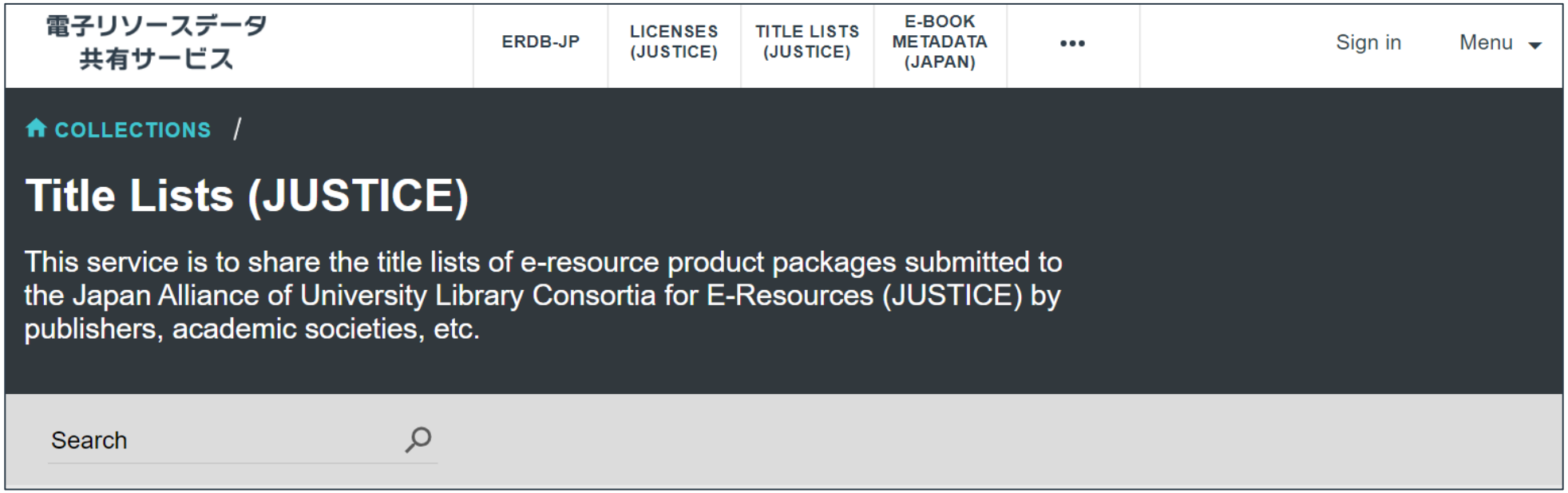
- **Limited to JUSTICE member libraries**
- **JUSTICE members can download data manually from the site or retrieve it using the API.**



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.**



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

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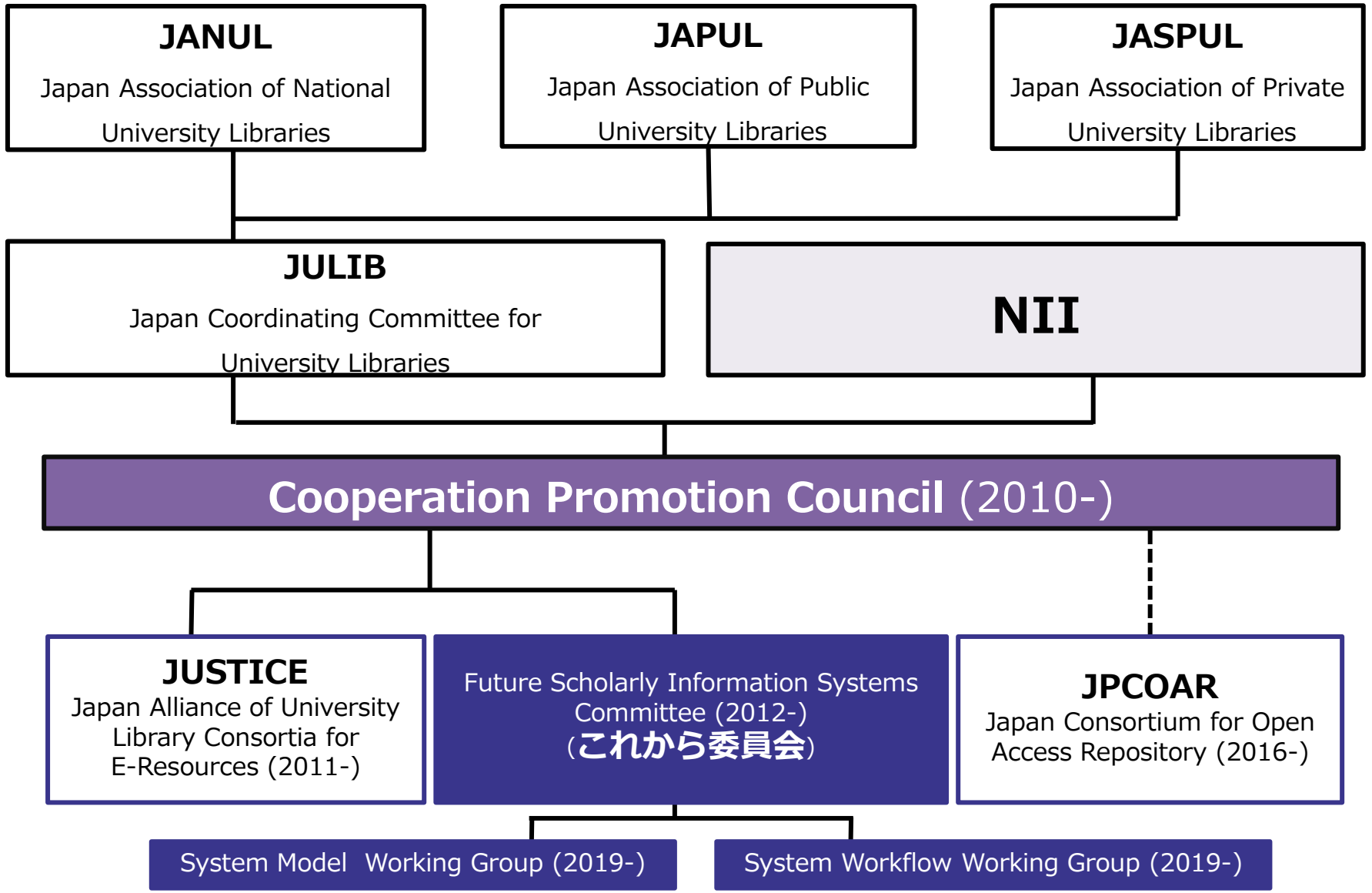
Organization



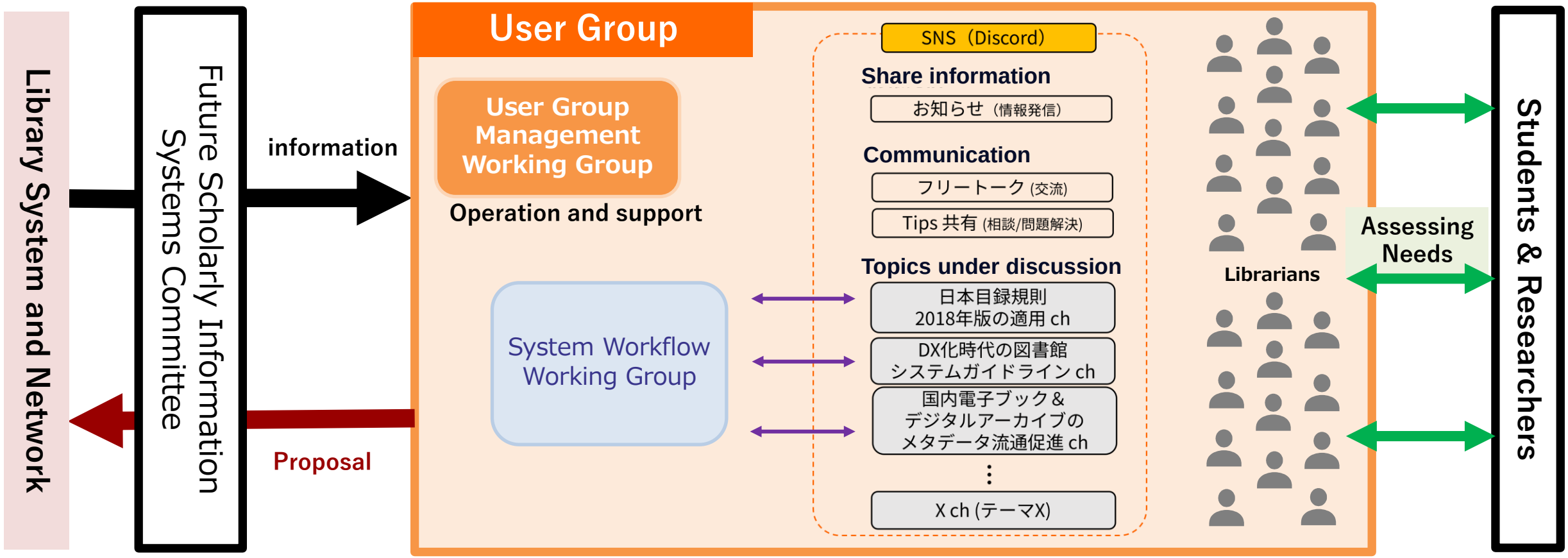
A document which summarises its vision, operational goals, and organisational structure

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

The Vision

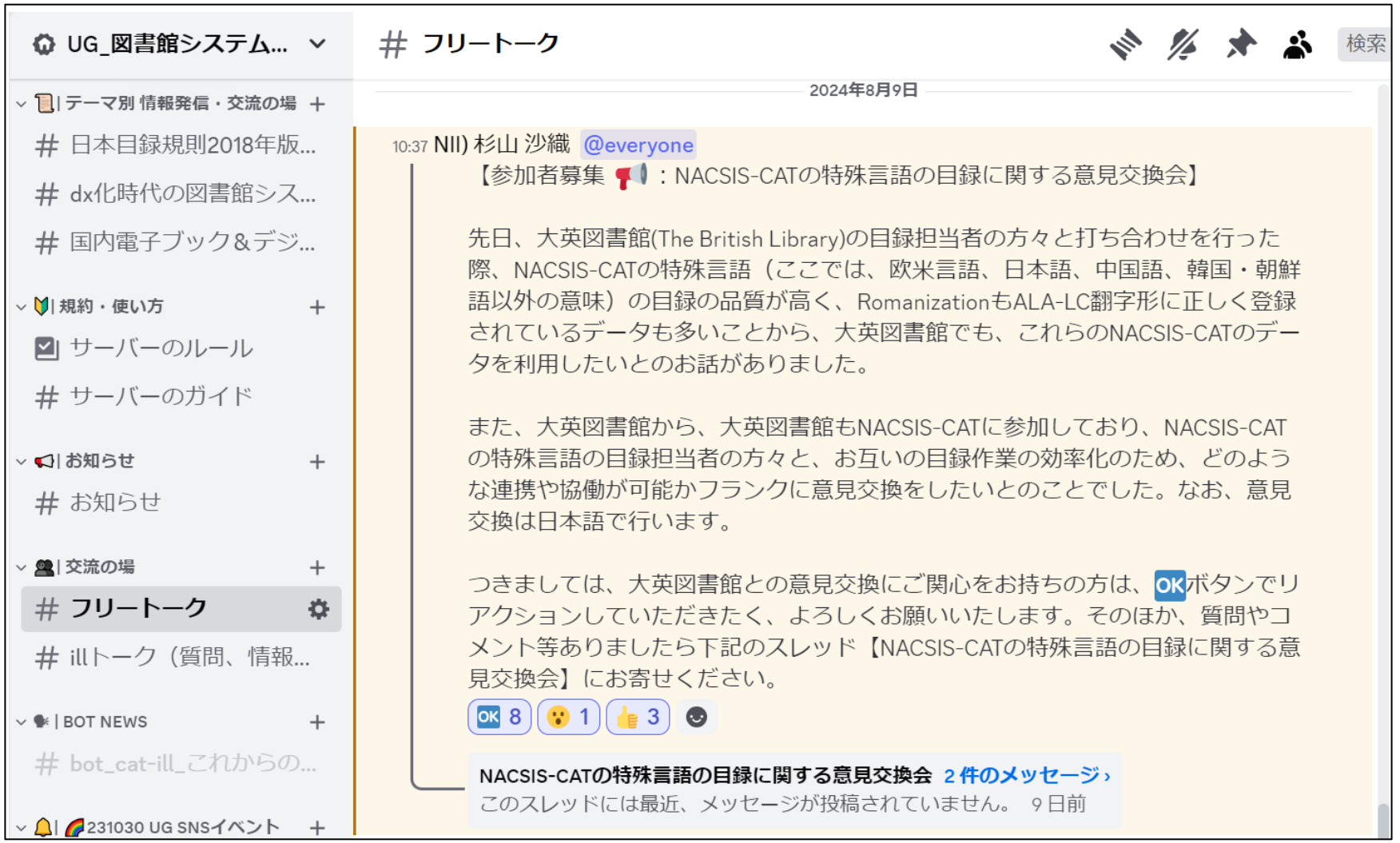
1. Researchers, students and others can easily search and retrieve scholarly information they need for research, education and learning in a one-stop manner.
2. The libraries can achieve optimal services, including more efficient cataloguing, by combining various metadata and utilising joint use systems.
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" 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.

User Group’s SNS (Discord)



Updates will be announced (in Japanese)

About NACSIS-CAT/ILL:
https://contents.nii.ac.jp/catill

About E-resource Data Sharing Services, the User Group, and the Committee:
https://contents.nii.ac.jp/korekara

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