

NDL Search — future development —

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NDL Search: overview (1)



The screenshot shows the NDL Search website interface. At the top right, there are links for [Setting](#), [Help](#), [Language](#), [Character expansion](#), and [Monochrome reverse](#). The main header features the NDL Search logo and the text "NDL Search". Below the header, there are three tabs: "Simple search" (selected), "Advanced Search", and "Material search for persons with disabilities". The search area includes a "Keyword" input field, a "Search" button, and two checked checkboxes: "Translate" and "search for all cooperation destination". Below the search area, there are several filter buttons: "all", "Book", "Article·Thesis", "Newspaper", "Children's Book", "Reference", "Digital Material", "Other", and "Legislative information". The main content area is divided into two columns. The left column contains a paragraph: "“NDL Search” is an integrated search service of catalogs and digital archives including libraries, archives, museums, academic institutes and the National Diet Library." The right column contains a section titled "News from a library" with an RSS icon and a list of four news items: "About NDC 10th edition application starting in National Diet Library search. (2017-01-20 13:54)", "Material of a library synthesis exhibition (November 10) forum was exhibited the 18th time. (2016-11-21 10:24)", "A data cooperation engine was added newly (November 17, 2016). (2016-11-18 14:30)", and "The restrictions about a link for re-searches of a bibliography in-depth screen were canceled. (2016-10-12 12:08)". A "show all news" link is located at the bottom right of the news section. At the bottom of the page, there is a navigation bar with links: [National Diet Library Home](#), [NDL-OPAC](#), [ILCL Children's OPAC](#), [Web NDL Authorities](#), [About NDL Search](#), and [Contact Us](#). Below the navigation bar, there is a copyright notice: "Copyright © 2012 National Diet Library. All Rights Reserved."



NDL Search: overview (2)

- An **integrated search system** for library materials in all formats at the **NDL and other institutions**, and covering **metadata for 120 million items** in 100 Databases
- **Provider of metadata through API**



NDL Search : key issues

Promoting effective expansion of linkage to NDL Search

contributing to the creation of a national integrated portal site as well as serving as a national platform for distribution of metadata

**NDL Search
Linkage Expansion
Action Plan
(FY2015-2019)**



Action plan : target

1. **All publications** and their equivalents **in Japan**
2. **Metadata for digital contents, printed publications, and reference resources** from academic institutions, GLAMs and other public institutions



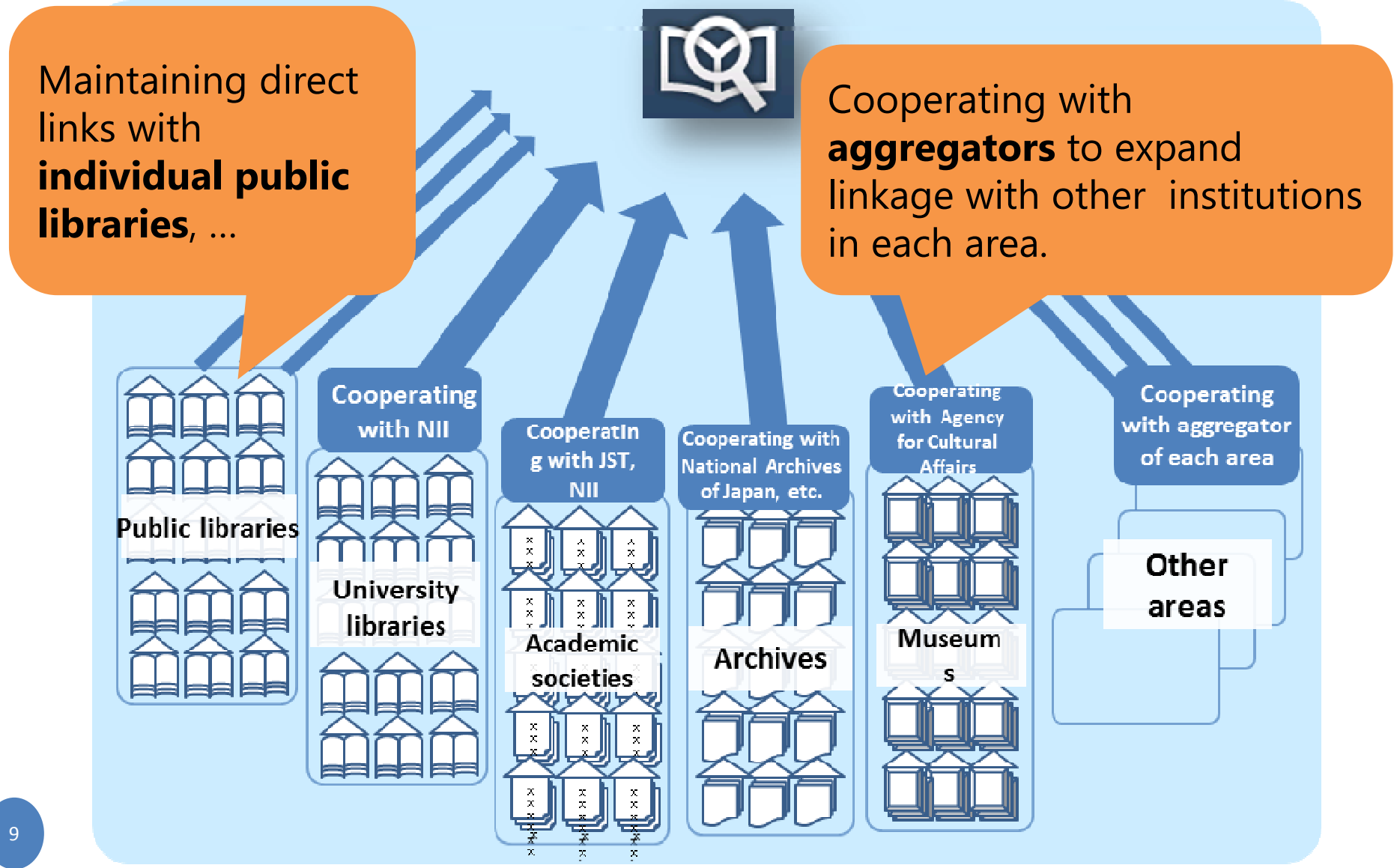
Action plan : policy

This policy prioritizes:

- 1. Content that is useful and easy-to-access for the general public**
- 2. API-compatible systems**
(DC- NDL (RDF) is recommended.)
- 3. Aggregators** rather than individual data providers

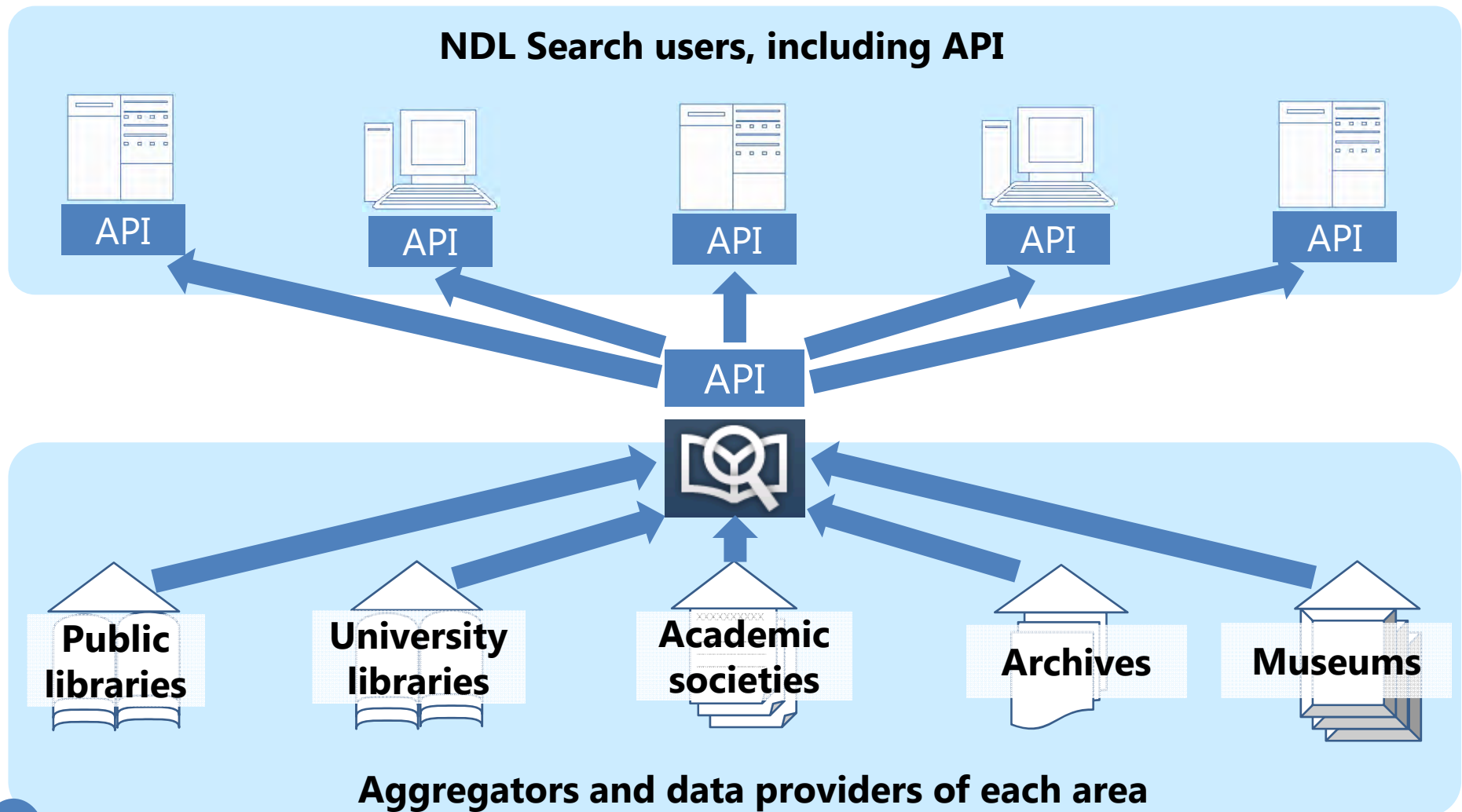


Concept diagram for future linkage





The role of NDL Search in metadata distribution



API

Easy access to NDL Search metadata via its API

- NDL Search is compliant with the following protocols:

protocol for metadata harvesting	protocol for metadata searching
OAI-PMH	SRU, SRW, OpenSearch

- NDL Search provides metadata in the following formats:

	OAI-PMH	SRU	SRW	OpenSearch
DC-NDL (RDF)	✓	✓	✓	
DC-NDL (Simple)	✓	✓	✓	
Simple DC (OAI-DC)	✓	✓	✓	
RSS 2.0				✓

Each format provides a different degree of detail.

Aggregators

- **Academia: CiNii Articles, CiNii Books, JAIRO, J-Stage, niHuINT**
- **Publishing area: JPRO**
- **Dictionaries/encyclopedias: JapanKnowledge**
- **Archives: Japan Center for Asian Historical Records**
- **Museums area: e-Museum, Union Catalog of the Collections of the National Art Museums**



Potential aggregators

Potential aggregators include:

- **Cultural Heritage Online (The Agency for Cultural Affairs)**

<http://bunka.nii.ac.jp/>

- **ADEAC (A System of Digitalization and Exhibition for Archive Collections)**

<https://trc-adeac.trc.co.jp/>

Future prospects



Future prospects of NDL Search

- The “**Intellectual Property Strategic Program 2016**” of the Intellectual Property Strategy Headquarters, at the Prime Minister's Office makes reference to the need to developing a **national integrated portal site**



“Japan Search”

(tentative name)



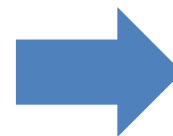
“Japan Search”

A platform which can...

- ✓ Distribute and transmit metadata throughout the world (e.g. Europeana, DPLA)
- ✓ Provide clear guides to accessing contents of various fields
- ✓ Promote utilization of metadata

“Japan Search” is...

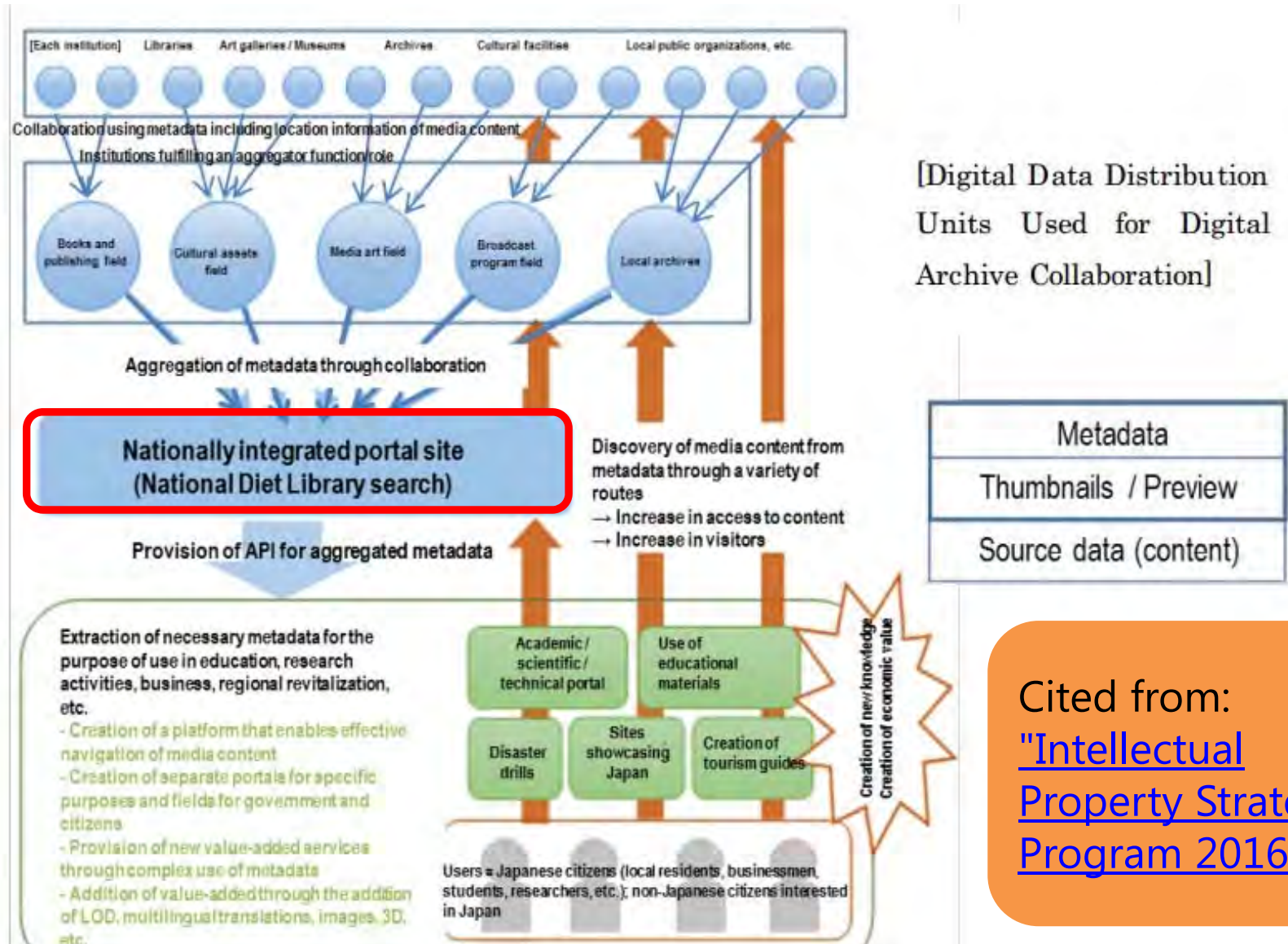
- ✓ Going to be constructed **based on NDL Search**
- ✓ Planned to be open to the public **by 2020**



We will continue to enhance and expand the linkage of the NDL Search!



The Japan Search Concept



Cited from:
["Intellectual Property Strategic Program 2016"](#)



Reference

- NDL Search Linkage Expansion Action Plan (Japanese)
<http://dl.ndl.go.jp/info:ndljp/pid/9207570>
- Intellectual Property Strategic Program 2016
http://www.kantei.go.jp/jp/singi/titeki2/kettei/chizaikeikaku20160509_e.pdf
- Search target list (Japanese) <http://iss.ndl.go.jp/information/target/>
- How to provide data? (Japanese) <http://iss.ndl.go.jp/information/renkei/>
 - System linkage guideline by WebAPI ver.1.2
http://iss.ndl.go.jp/information/wp-content/uploads/2014/06/WebAPIguideline_ver.1.2_20140526.pdf
 - NDL Search linkage manual (Japanese)
http://iss.ndl.go.jp/information/wp-content/uploads/2014/06/renkeimanual_ver.1.0_20140601.pdf
- Application Programming Interface (API) <http://iss.ndl.go.jp/information/api/>
 - Application Programming Interface (API) Specifications
http://iss.ndl.go.jp/information/wp-content/uploads/2016/12/ndlsearch_api_all_20161117_en-1.pdf
- Link Collection on NDL Search (Japanese) <http://iss.ndl.go.jp/information/link/>

Thanks for your attention!