



# JAPAN SEARCH

A National Platform of Digital Archives

## JAR, Blue-and-white with design of fish and water plants in a lotus pond

The form of this large jar appeared in the Yuan dynasty, and such jars were also decorated with qingbai glaze, underglaze copper red and celadon glaze. Known in Japan as shukaiko, meaning "jar for wine gatherings", such jars originally had a lid and contained liquid such as wine. The center of the body bears a decoration of several types of fish swimming spontaneously in the lotus pond.

CC BY The Museum of Oriental Ceramics, Osaka

March 10th, 2022




Introduction of The Next Digital Library & Japan Search - NDL workshop

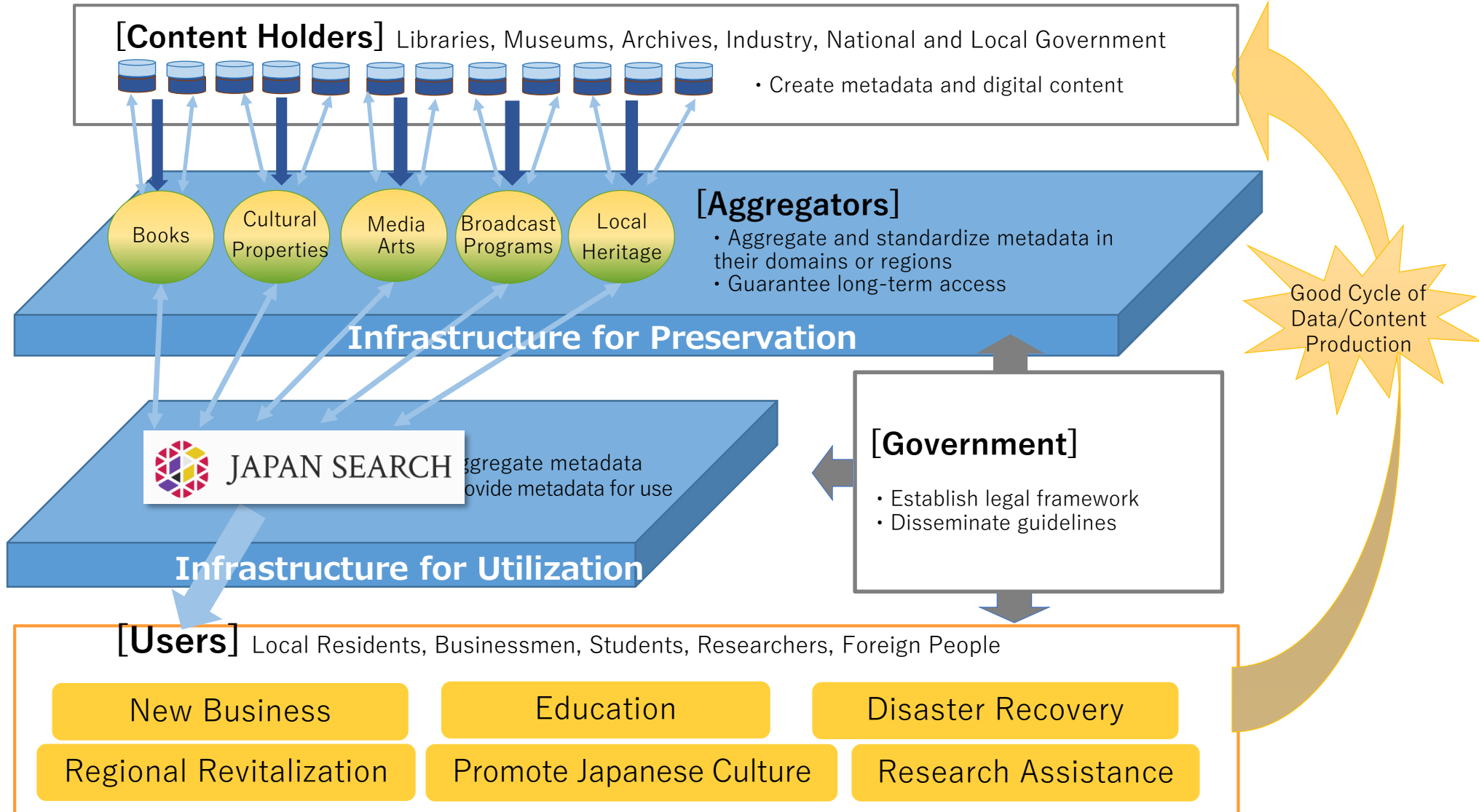






# Japan Search Linking Model


 Flow of sharing metadata  
 Flow of sharing digital content





# Japan Search Partners

**24** Million Metadata from **161** Databases of **32** Aggregators

National institutions, Local institutions, Universities, Private-sector

(As of March, 2022)

National institutions	Local institutions	Universities	Private-sector
<ul style="list-style-type: none"> <li>● National Diet Library</li> <li>● National Archives of Japan</li> <li>● National Museum of Nature and Science</li> <li>● National Museum of Art</li> </ul> etc	<ul style="list-style-type: none"> <li>● Nagano Prefectural Library</li> <li>● Mie Prefectural Government</li> <li>● Wakayama Prefectural Archives</li> </ul>	(National) <ul style="list-style-type: none"> <li>● Tokyo University</li> <li>● Niigata University</li> <li>● Tokyo University of agriculture and technology</li> </ul> (Private) <ul style="list-style-type: none"> <li>● Keio University</li> <li>● Ritsumeikan University</li> <li>● Waseda University</li> </ul>	<ul style="list-style-type: none"> <li>● NHK Archives</li> <li>● Photo Archive Japan</li> <li>● Broadcast Programming Center of Japan</li> <li>● Visual Industry Promotion Organization</li> <li>● Minakata Kumagusu Archives</li> </ul> etc

List of organizations: <https://jpsearch.go.jp/organization?from=0>

List of databases: <https://jpsearch.go.jp/database?from=0>



# Number of records by each category

Book/Publication	<a href="#">11,174,913</a>
Natural History/Engineering Science	<a href="#">5,415,914</a>
Official Document	<a href="#">4,049,861</a>
Humanities	<a href="#">3,397,682</a>
Regional Resource	<a href="#">618,343</a>
Art	<a href="#">592,602</a>
Cultural Property	<a href="#">502,427</a>
Animation	<a href="#">128,053</a>
Performing Art	<a href="#">84,741</a>
Movie	<a href="#">82,650</a>
Broadcast Program	<a href="#">82,260</a>
Game	<a href="#">51,374</a>
Dataset	<a href="#">27,961</a>
Media Art	<a href="#">14,335</a>
Map	<a href="#">3,349</a>

# 3 main functions

## ● Search

### Designed Search

### Cross Search

Input search keyword



Japanese sword Search

Search materials related in Japanese

### Image Search



👁👁  
Search

😊  
Enjoy

👉  
Use

## ● Gallery

Autumn is coming



The Night of the 15th (Jugoya)

A night of moon viewing and setting out food on the 15th of the lunar Eighth Month to pray for a good harvest

Foliage Viewing

Foliage Viewing Figures Prominently in a Noh Piece and Other Performances

### My Note



Mount Fuji: The Great Wave



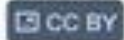
Jumantsubo Plain at Fukagawa Susaki, from

## ● Platform for Use

### Secondary Use Conditions

Responsibility  
National Diet Library

Secondary Usage



CC BY  
Attribution

EDUCATIONAL



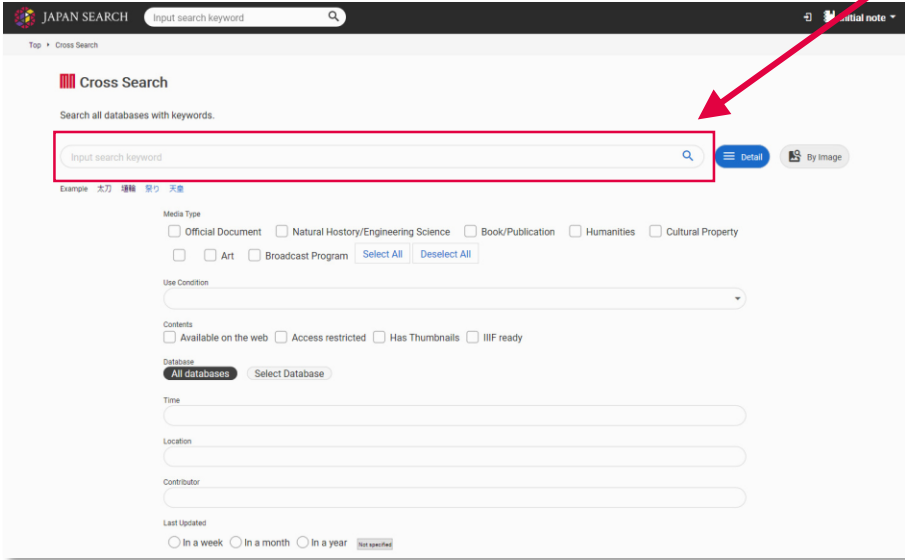
NON-COMMERCIAL



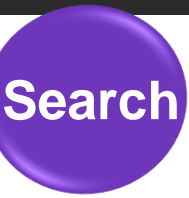
COMMERCIAL



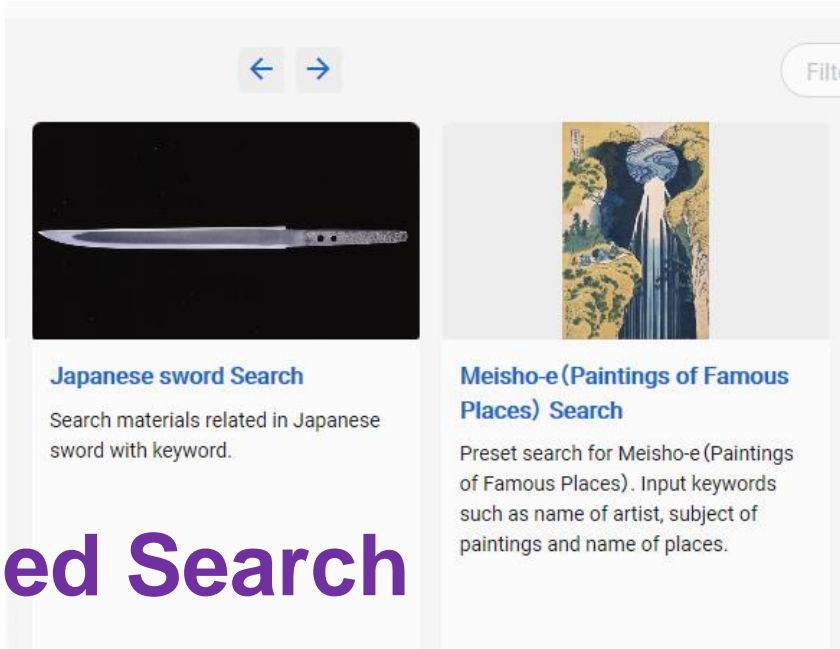
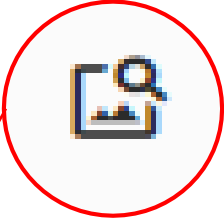
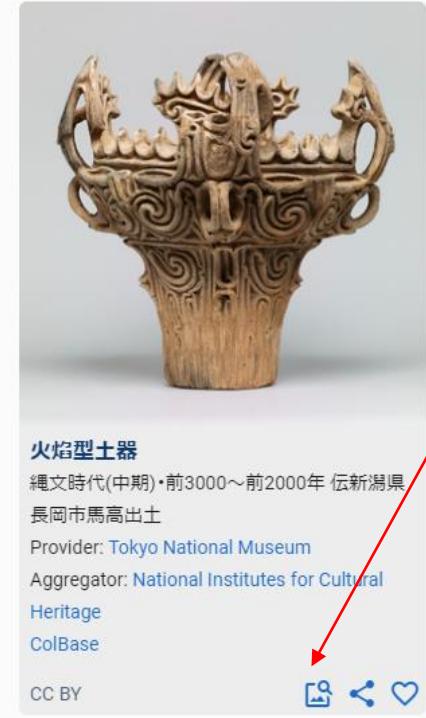
# Cross Search



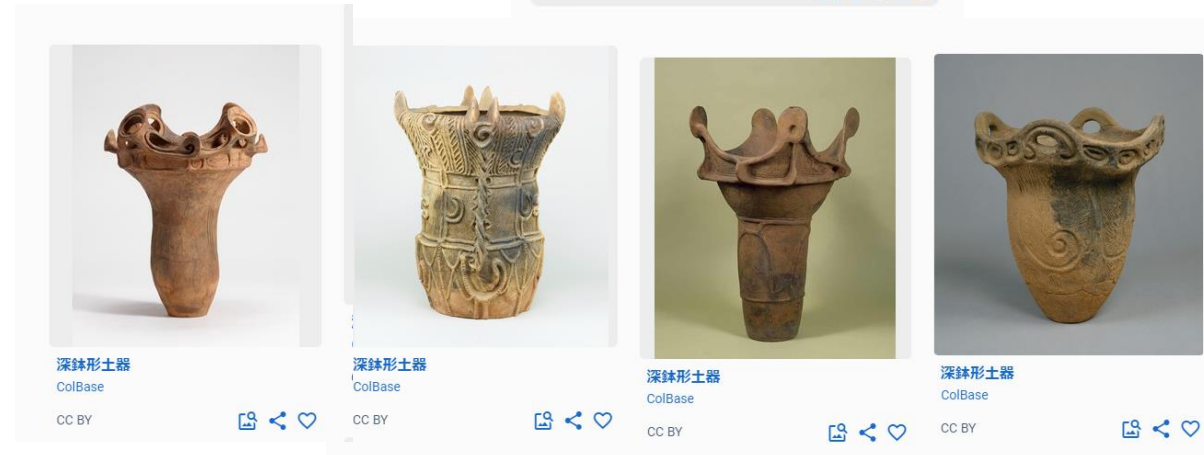
- Search keywords are automatically translated
- To help keyword search, the JPS system generates Romaji data for the aggregated metadata



# Image Search



# Designed Search





# Gallery

- Introduction to content along various themes
  - about **304** themes (As of March 2022)
  - IIIF Support
  - partners can edit and publish a gallery making use of items on Japan Search.



Let's get familiar with the Japanese classical literature



### Genji Monogatari (The Tale of Genji)

Genji Monogatari is a Japanese imperial tale written by Murasaki Shikibu during the Heian era. This fabulous story about Hikaru Genji, a royal prince, inspired many works of art.



### Ise Monogatari (Tales of Ise)

A mid-Heian period poem-tale structured as a biography thought to be of the poet Ariwara no Narihira



### Tokaidochu Hizakurige (Hoofing It along the Tokaido Route)

An Edo-period best-seller of Ikku Jippensha's that follows Yaji and Kita on their travels

filled with curious mishaps; it ushered in the

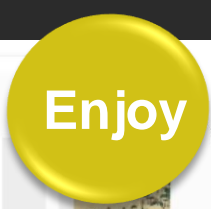


### Heike Monogatari (The Tale of Heike)

Heike Monogatari, or The Tale of Heike, is a war chronicle that narrates the rise and fall of the Taira clan.



# Gallery page



## Hanami (Cherry Blossom Viewing)

Hanami refers to the custom of admiring and enjoying flowers, such as cherry blossoms and plum flowers. It was first held among the aristocrats, later spreading to the general public during the Edo era.

Event

### Explanatory Text

In the Nara era, the practice of *hanami* (flower viewing) began when the aristocrats held a feast to sing about plum and cherry blossoms in songs. It is believed that this idea spread to the general public during the Edo era. The Edo Shogunate's third and eighth generals, Iemitsu Tokugawa and Yoshimune Tokugawa, planted cherry blossoms in various places and recommended them as spring entertainment.

The first viewing place was created in Ueno. Iemitsu Tokugawa planted cherry trees in the precincts of the Tokugawa family's Kaneiji Temple (the current Ueno Onshi Park). The appearance of *hanami* in Ueno was also drawn by the Ukiyo-e artist Hiroshige Utagawa. Following Ueno, the bank of Sumida River, Gotenyama and other famous viewing places were created. Cherry blossom viewing gained popularity with the public as an event that could be enjoyed regardless of social status.

For cherry blossom viewing during the Edo era, a *Sageju* (lunch box) was used. There are many elaborate designs on these boxes, including some with gold and silver lacquer work. The *Ryōri Hayashinan*, which holds a collection of recipes from that time, describes the contents of a *hanami bento* (lunch box). It is a luxurious lunch that includes *tamagoyaki* (Japanese rolled omelet), *kamaboko* (a type of *surimi*, or fish cake), steamed flounder, *sakura* bream, grilled rice balls, and *usukawa mochi* (sticky rice cakes). Gorgeous *hanami* scenes can be seen in the works created by many Ukiyo-e artists.

Related Galleries

- Sakura (Cherry Blossom)**  
Blossoms with a long history of being cherished in Japan. A member of the Rosaceae family. Seen in a wide area stretching from East Asia to the Himalayas. Cherry blossoms...
- Foliage Viewing**  
Foliage Viewing Figures Prominently in a Noh Piece and Other Performances
- Hanami (Cherry Blossom Viewing)**  
Hanami refers to the custom of admiring and enjoying flowers, such as cherry blossoms and plum flowers. It was first held among the aristocrats...
- Autumn Foliage**  
A phenomenon in which the green leaves of trees turn color. Also, the crimson leaves themselves.
- Saigyō-zakura (Saigyō's Cherry Blossoms)**  
A Noh play by Zeami, a Noh actor of the Muromachi period (1336–1573). In the work, "the yugen (subtle profundity) of growing old in beauty..."
- Kosode (Short-Sleeved Kimono)**  
A garment based on the national costume of Japan, the kimono. Became popular among the general public during the Edo period.
- The Bean-Throwing**  
A seasonal custom to sprinkle beans on the day before the start of the new year. In the custom, the beans are thrown from the roof of the house.

## Related Gallery & Books

Books

- 風俗雑書**  
写 江戸時代後期の浮世絵師・鳥文喜楽之(市川半蔵)の作品。上野公園の桜見物、御殿山の花見...
- 東都名所 御殿山花見**  
一守斎 鳥文喜楽之画
- 江戸遊覧花暦 4巻**  
鳥山喜 鳥文喜 川島半蔵 鳥文喜 伊八
- 上野清水堂(「東京二十景」のうち)**  
清の蘭画 尖
- 井の強の春の夜**  
清の蘭画 尖
- 蘭氏物語 花の宴**  
蘭式(蘭) 蘭氏物語(蘭)
- 料理早指圖**  
蘭蘭蘭人

Related Works

- 御殿山の花見**  
鳥文喜楽之画  
Tokyo National Museum  
江戸時代後期の浮世絵師・鳥文喜楽之(市川半蔵)の作品。上野公園の桜見物、御殿山の花見...
- 東都名所・飛鳥山花見**  
鳥文喜楽之画  
Tokyo National Museum  
江戸時代後期の浮世絵師・鳥文喜楽之(市川半蔵)の作品。飛鳥山には、8代将軍徳川吉宗の上り、桜の...
- 菊花文蒔絵花見弁当**  
徳川寺  
蒔絵があしらわれた花見弁当の景。
- 「☆(太鼓判)」「花見の三」**  
鳥文喜楽之 未永  
MET
- 「さへもんはるちかぬれかけ」「ござくらたわむるゝ所」「おのゑのまへ花見の所」**  
(杉村龍)  
Art Institute of Chicago (AIC)
- 遊女花見圖**  
宗松 虎長 画  
Tokyo National Museum
- 隅田川花見**  
鳥文喜楽之 画  
Edo-Tokyo Museum

## Related Works & Videos

Videos

- 江戸の花見**  
NHK Archives  
桜の時期、東京の上野公園は花見をする人でにぎわいます。「桜と雲えば花見」という文化が一般に広まったのは、江戸時代、徳川吉宗の寛政の頃です。
- 塔の島(宇治市)**  
NHK Archives  
俳優・火野正平さんによる自転車の旅。旅の行き先を決めるのは、観音者のみなさんからお手紙で寄せられた「ここへの旅」です。今話題の「ここへの旅」です。
- 花見でにぎわう松前公園**  
NHK Archives  
映像は1961年(昭和36)撮影の松前公園の様子です。公園内には数多くの史跡があります。
- 彦根城と桜**  
NHK Archives  
全国各地の自然や名勝、建造物などを幸から撮影したシリーズ「NHK幸中散歩」。桜の季節を迎えた彦根城・彦根城。花見の楽しみでにぎわっています。
- 千鳥ヶ淵の桜**  
NHK Archives  
全国各地の自然や名勝、建造物などを幸から撮影したシリーズ「NHK幸中散歩」。東京都心の桜の名所、千鳥ヶ淵です。桜が満開の様子が、多く見られます。



# My Note

- Click the  icon to add your favorite item to your own list
- As a bookmark to record items



JAPAN SEARCH

JAPAN SEARCH

Initial note


Top > My Note

My Notes


## Initial Note

You can add note to the list

**お気に入りリスト**




**Tea Bowl, Black Raku Ware named "Kokeshimizu"**  
Aichi Prefectural Museum of Art




**Tea Bowl, Shino-style, named "Kokushikijo", "Shogi-goma"**  
Aichi Prefectural Museum of Art

早川春泰 (生没年不詳)は木村定三氏お気に入りの瀬戸の陶芸家で、コレクションの中には春泰が作陶し、画家・能谷守一が絵付したもの



**Tsuruga Castle**  
Agency for Cultural Affairs, Government of Japan

Famed for an intense, month-long siege by government forces during the Boshin Civil War in 1868. Tsuruga Castle holds a special



**Suit of Armor in O-yoroi Style**  
Tokyo Fuji Art Museum

幕末の薩摩藩主島津斉彬が着用したと伝えられる大鎧。制作当初の状態で各部が完全に揃っているものとして、大変貴重である。兜の鉢は、古く鎌倉時代のものを転用してお

Initial note Primary




Create new note Manage

Manage Gallery

Tea Bowl, Black Raku Ware named "Kokeshimizu"

長次郎 Chojiro, Tea Bowl, Black Raku Ware named "Kokeshimizu", 木村定三コレクション / Kimura Teizo Collection 桃山時代(16世紀), Japan Momoyama period, 16th century 工芸(日本)  
Provider: Aichi Prefectural Museum of Art  
Aggregator: The Japanese Council of Art Museums  
The collection of Aichi Prefectural Museum of Art.

PDM



JAPAN SEARCH

# My Gallery

- Create an attractive gallery
- Collaborative working
- Anyone can use without registration!



**Curation**   **Education**   **Event**

**Online Collaborative Work !**

Share online

**Gallery Number**  
538241158671

**Expired at**  
2021/12/25 23:59:59 JST

**URL**  
<https://jpsearch.go.jp/mygallery/online/?wid=538241158671>

**embedded in external websites**

**Tea Ceremony**

**Tea Bowl, Black Raku Ware named "Kokeshimizu"**  
Aichi Prefectural Museum of Art

**Nanshu-ji temple**  
NHK Archives  
堺の家商の子として早くから茶の湯に親しんだ千利休は、南宗寺で修行したと伝えられています。「茶の湯」の文化は、戦国武将たちのたしな

**「茶の湯日々#広間薄茶の図」  
「茶の湯日々草」「目錄他」**  
東京都立中央図書館

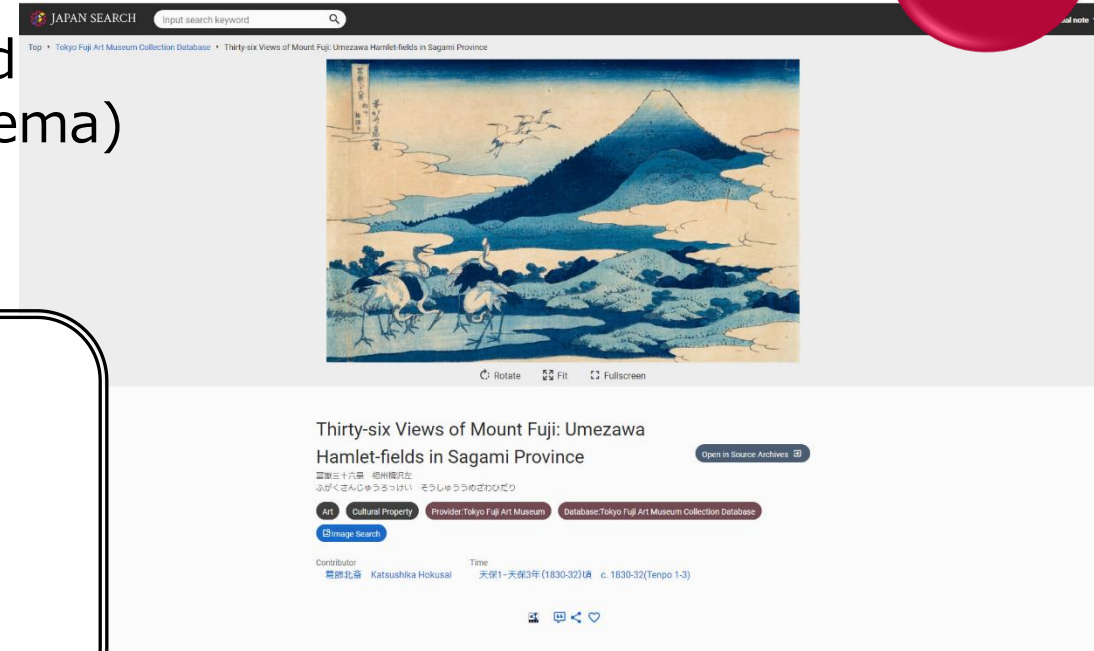
**Participants**

- Lisa
- John

# API (SPARQL Endpoint)



- Aggregated metadata are converted to a standard schema based RDF model (Japan Search RDF Schema)
- Provides metadata to users as Linked Open Data



**For developers** <https://jpsearch.go.jp/static/developer/>

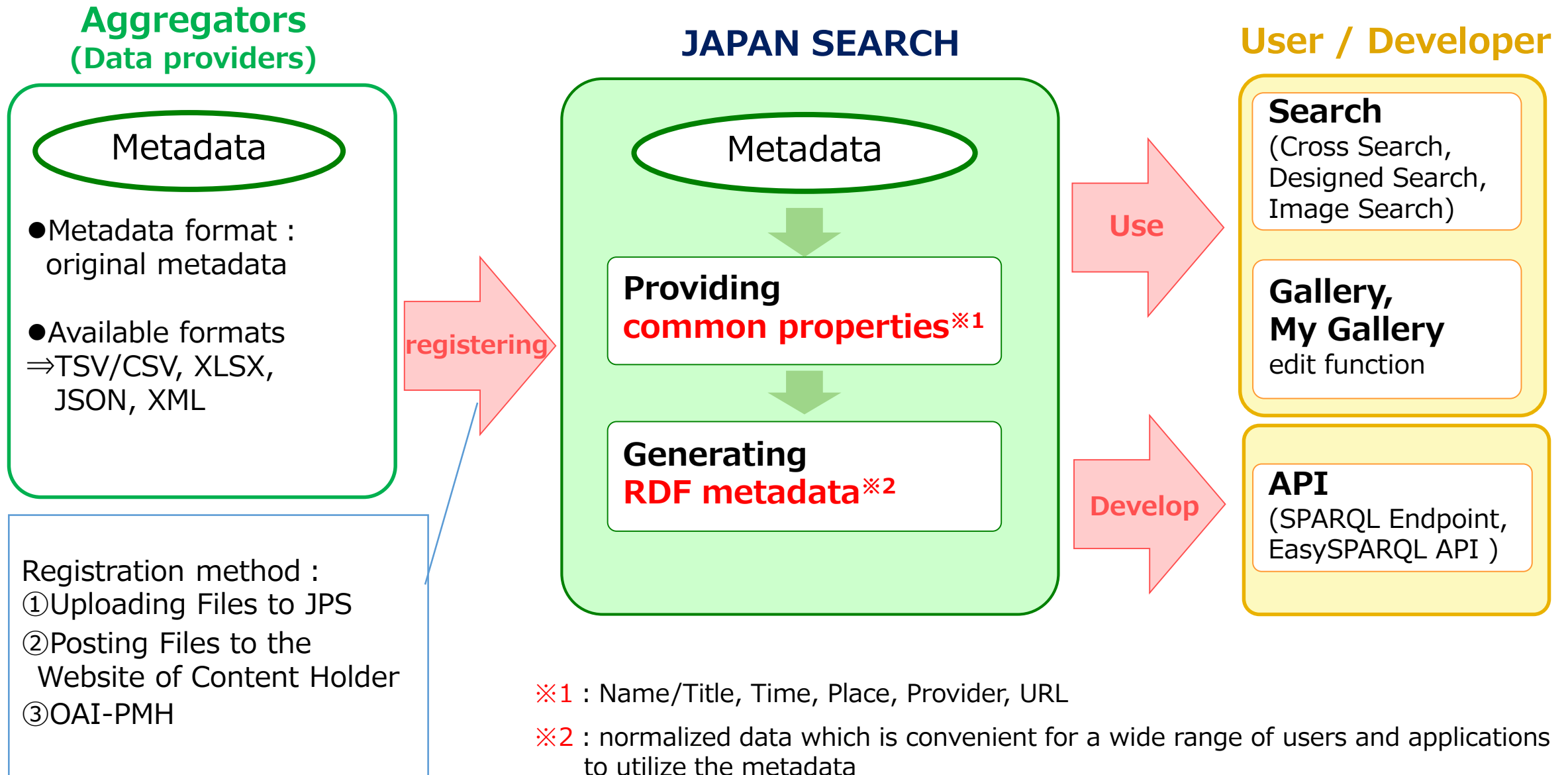
- JPS-RDF Schema
- SPARQL API (<https://jpsearch.go.jp/api/sparql-explain/>)
- EasySPARQL API (<https://jpsearch.go.jp/api/sparql-explain/#sec4>)
- An Overview of the JPS-RDF Schema (<https://jpsearch.go.jp/api/introduction/>)

## Use Cases of JPS Scheme

- Content related to the object about time (when), location (where), and person/organization is automatically appeared in search results.
- Cross Search with Europeana and Gallica is available.

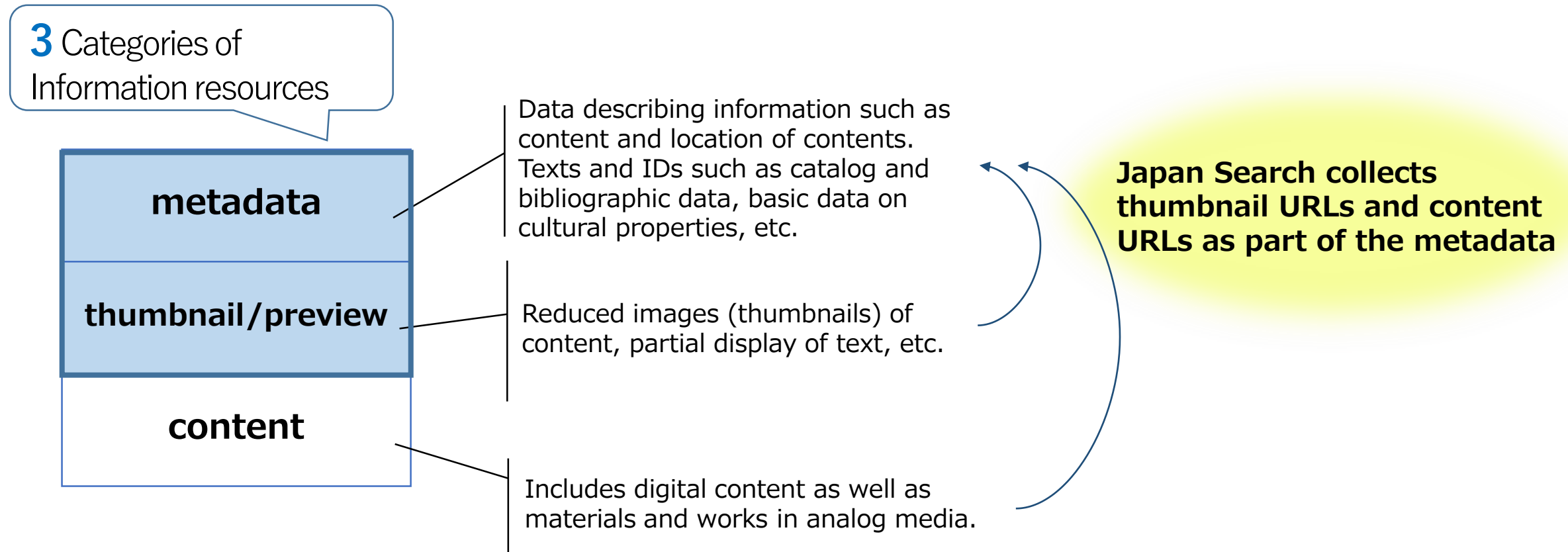


# Metadata Registration and Distribution



# Cooperation with Japan Search —Metadata collecting—

**metadata and thumbnails are distributed openly**  
**⇒promoting content utilization**



(出典) 『デジタルアーカイブの構築・共有・活用ガイドライン』（デジタルアーカイブの連携に関する関係省庁連絡会・実務者協議会、平成29年4月）

[https://www.kantei.go.jp/jp/singi/titeki2/digitalarchive\\_kyougikai/guideline.pdf](https://www.kantei.go.jp/jp/singi/titeki2/digitalarchive_kyougikai/guideline.pdf) を一部加工



# Use Conditions of Content

JAPAN SEARCH

## ■ 15 Available Rights Statements in JPS

Public	CC0
Domain Tool	PDM
Creative Commons	CC BY
	CC BY-SA
	CC BY-ND
	CC BY-NC
	CC BY-NC-SA
Rights Statements	CC BY-NC-ND
	IN COPYRIGHT
	IN COPYRIGHT-EDUCATIONAL USE PERMITTED
	NO COPYRIGHT-CONTRACTUAL RESTRICTIONS
Original	NO COPYRIGHT-OTHER KNOWN LEGAL RESTRICTIONS
	COPYRIGHT NOT EVALUATED
	COPYRIGHT UNDETERMINED-ORPHAN WORK in JAPAN
-	OTHERS

短刀  
たんとう  
所蔵: 東京国立博物館  
2020/08/04 栗田口吉光(名物 厚藤四郎) 鎌倉時代・13世紀, ,

Cultural Property Art

京栗田口(あわたぐち)派の藤四郎吉光は鎌倉時代の伏見天皇(在位1288~98)の頃の人という。古来、短刀の名手として知られ、地鉄(じがね)・刃文(はもん)の冴えに他の追随を許さぬ技量がみられる。名物の呼称は小振りの寸法にもかかわらず重(かさね)(刀身の厚さ)が極端に厚いことによるものである。(2006/06/20\_h133)

CAN I USE IT?  
CC BY  
EDUCATIONAL NON-COMMERCIAL COMMERCIAL <https://colbase.nich.go.jp/pages/term>

About license

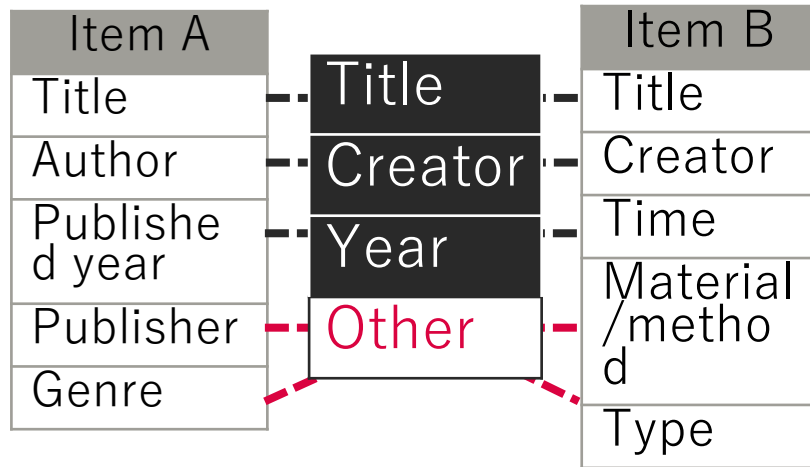
What is CC BY  
This license with the highest degree of freedom, with the main condition being to credit (name, title of the work, etc.) the original author; it also allows modification of the work, as well as secondary use for profit.CC BY 4.0



# Common Properties and Mapping

## Traditional Method

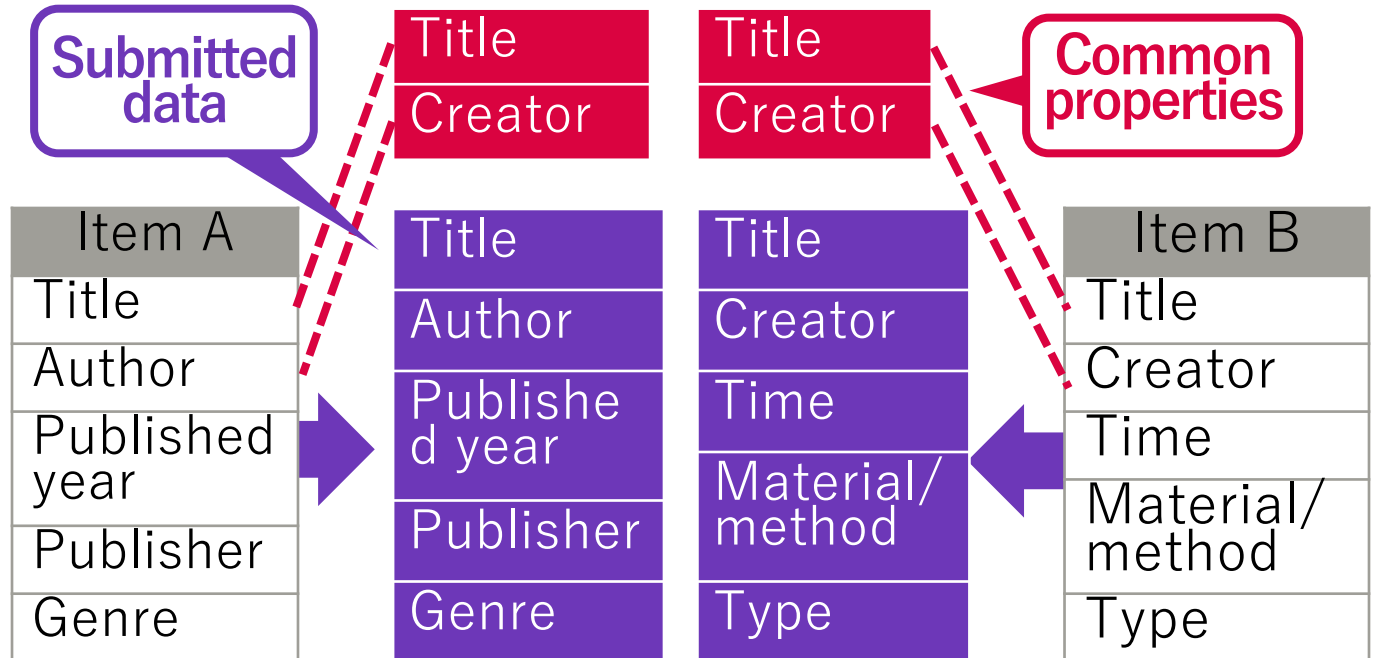
Metadata from different sources are organized into a single format.



**Values that do not fall under any field cannot be made use of.**

## Japan Search

Properties and values in the submitted metadata are **preserved** and **linked** to an additional element set called “**common properties.**”



# Transition of Metadata in Japan Search



JAPAN SEARCH

Data providers register metadata in their original schema

“Japan Search RDF Schema”

## Data provider

### Original metadata

名称	太刀 銘 三条 (名物 三日月宗近)
ID	159147
作者	宗近
分類	刀剣
時代世紀	平安時代・10世紀
所蔵者	東京国立博物館
URL	<a href="https://colbase.nich.go.jp/collectionItems/view/12f08f3c06a62af80737925634848303/179062">https://colbase.nich.go.jp/collectionItems/view/12f08f3c06a62af80737925634848303/179062</a>

Registering/  
Labeling



### Providing common properties

Name/title

名称	太刀 銘 三条 (名物 三日月宗近)
ID	159147
作者	宗近
分類	刀剣
時代世紀	平安時代・10世紀
所蔵者	東京国立博物館
URL	<a href="http://colbase.nich.go.jp/collectionItems/view/...">http://colbase.nich.go.jp/collectionItems/view/...</a>

Contributor

Time

Provider

URL

Mapping /  
Converting

Info.  
of  
data-  
base

Database: ColBase  
Type: Cultural Heritage  
Content License: CC BY

Exhibiting

Searching

## Japan Search

### Generating RDF metadata

/data/cobas-159147	
rdf:type	type:刀剣
schema:name	太刀 銘 三条 (名物 三日月宗近)
schema:creator	chname:三条宗近
schema:dateCreated	0900-0999
jps:temporal/ jps:era	time:平安時代
jps:accessInfo/ schema:provider	chname: 東京国立博物館
jps:sourceInfo/ schema:provider	chname: ColBase
jps:sourceInfo/ schema:url	<a href="https://colbase.nich.go.jp/collectionItems/view/12f08f3c06a62af80737925634848303/179062">https://colbase.nich.go.jp/collectionItems/view/12f08f3c06a62af80737925634848303/179062</a>

Original metadata  
is maintained

名称	太刀 銘 三条 (名物 三日月宗近)
ID	159147
作者	宗近
分類	刀剣
時代世紀	平安時代・10世紀
所蔵者	東京国立博物館
URL	<a href="http://colbase.nich.go.jp/collectionItems/view/...">http://colbase.nich.go.jp/collectionItems/view/...</a>

Advanced search  
with SPARQL





# For more information:

[Curation using JAPAN SEARCH \(YouTube\)](#)

[https://www.youtube.com/watch?v=kl\\_LU9Xw-Rk](https://www.youtube.com/watch?v=kl_LU9Xw-Rk)



JAPAN SEARCH OFFICIAL (@jpsearch\_go)



JAPAN SEARCH Official YouTube Channel

<https://www.youtube.com/channel/UCSK72iSEQMzEcu8BWLEFzPQ>



Japan Search Facebook

<https://www.facebook.com/jpsearchgo/>