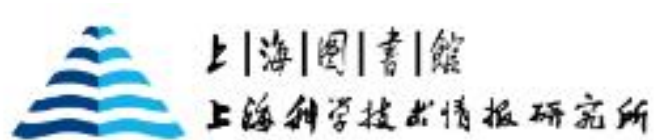


Shanghai Library Opendata Contest——

An Introduction to the
Open Data Resources on CNBKSY



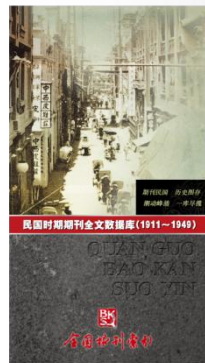
CNBKSY

- Professional information service brand sponsored and fostered by Shanghai Library, founded in 1955
- Include resources since 1816
- Annual update of more than 10 million entries

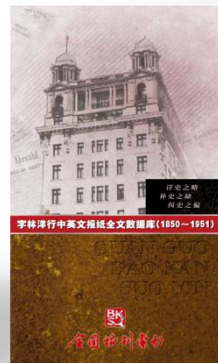


Digital Publications of CNBKSJ

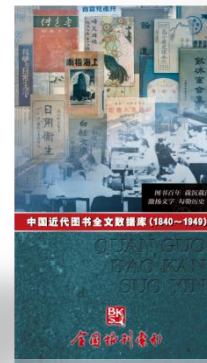
Periodicals



Newspapers



Books



Pictures





01

An Introduction to the Digital Resources

Open Data Resources

Name of the Database	Number of Resources
Late Qing Dynasty Periodical Full-text Database (1833~1911)	500 periodicals, 500,000 entries
Chinese Periodical Full-text Database (1911~1949)	20000 periodicals, about 10 million entries
Books of Modern China (1840-1949)	Over 120,000 books
The Picture Gallery (1833-1949)	Over 2 million pictures
Contemporary Periodical Index Database (1980 -)	10,000 periodicals, 60 million entries

Late Qing Dynasty Periodical Full-text Database (1833 ~ 1911)

Late Qing Dynasty Periodicals are important historical records in the development process of Chinese society and are valuable cultural heritages.

- 500,000 entries from 500 periodicals
- Covered almost all the periodicals published during this period
- Included many rare periodicals



揭秘珍稀史料
鏡鑒晚清風雲

Chinese Periodical Full-text Database (1911 ~ 1949)

As a historical stage of profound transformation in Chinese society, the publication of periodicals prospered along with the transition of society and the emancipation of thought.

- About 10 million entries from 20,000 periodicals
- Covered almost all the periodicals published during this period
- The most complete database of periodicals during 1911-1949



Books of Modern China (1840 ~ 1949)

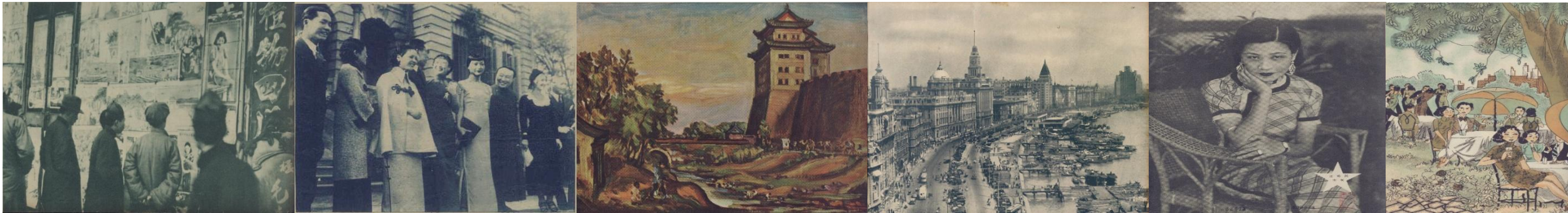
From bestsellers by Lu Xun and Zhang Henshui, to Communist Publications like the Communist Manifesto, to lifestyle books like tour guides and hygiene guidance. The Shanghai Library holds a considerable number of valuable modern books.

- Over 120,000 books published from 1840 to 1949
- Covers a wide range of categories
- Of great historical value and academic significance



The Picture Gallery (1833-1949)

- Integrate all the pictures in modern Chinese literature and presents them in 16 categories like photograph, woodcut, calligraphy, map, and sculpture
- Based on the rare collections of periodicals and newspapers
- Over 2 million pictures



Contemporary Periodical Index Database (1980 -)

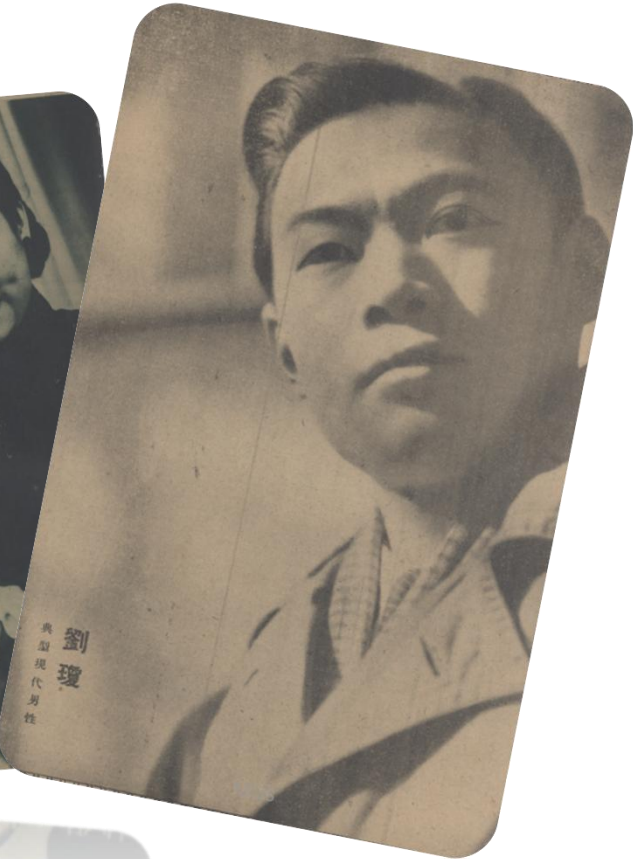
- Collect the article titles of almost all newspapers and periodicals since 1980.
- Encompass many aspects including politics, economics, education, culture, etc.

	Title Database	Index Database
Collections	2000 core periodicals	200 newspapers 20,000 periodicals
Annual Update	500,000 entries	2 million entries
Data Index Item	Classification Number, Title, Author, Author's Affiliation, Source, Volume Issue, Project, Subjects, Abstract, Call Number	Title, Author, Author's Affiliation, Source, Volume Issue, Project, Abstract, Call Number
Update Cycle	Monthly	Weekly

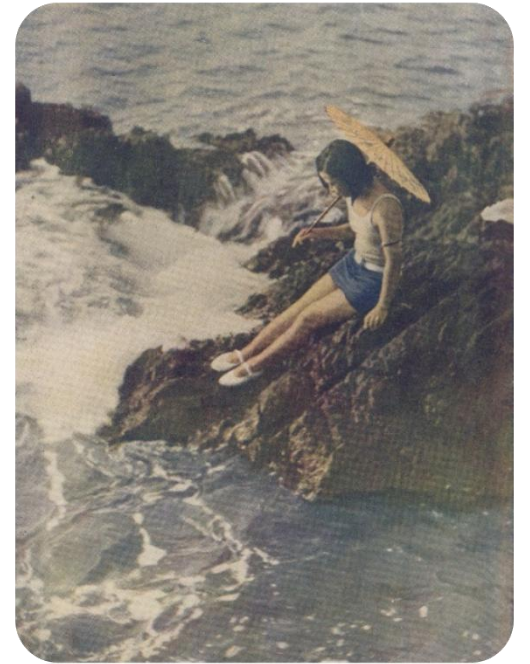


Categories for the Opendata Contest

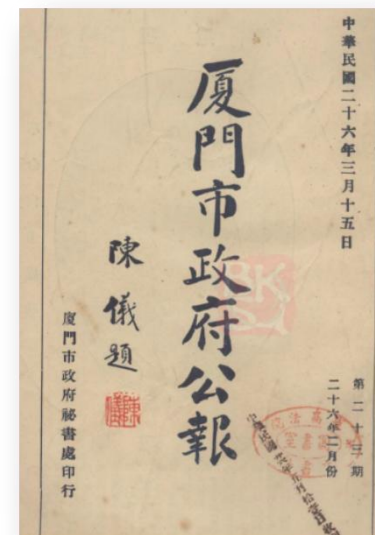
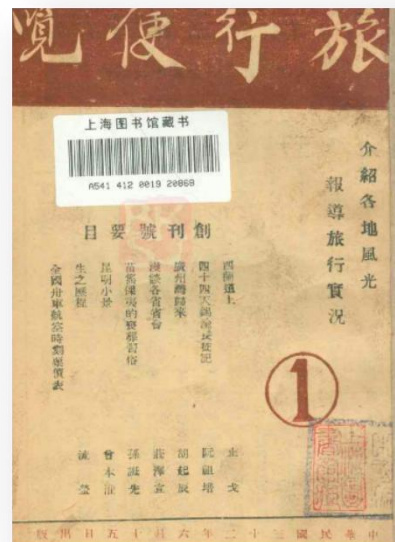
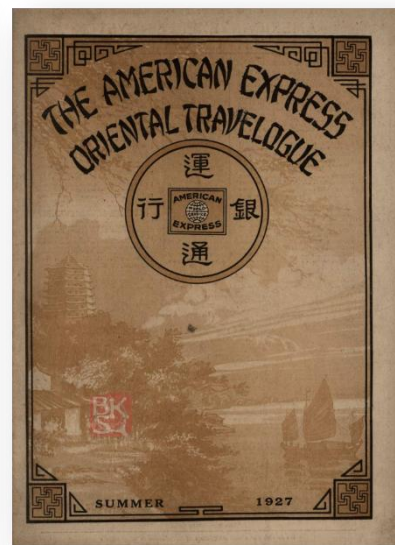
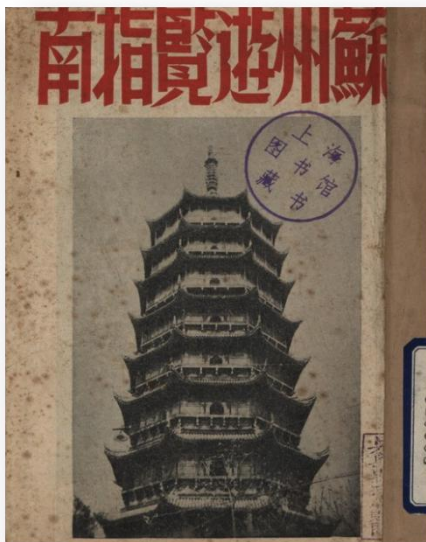
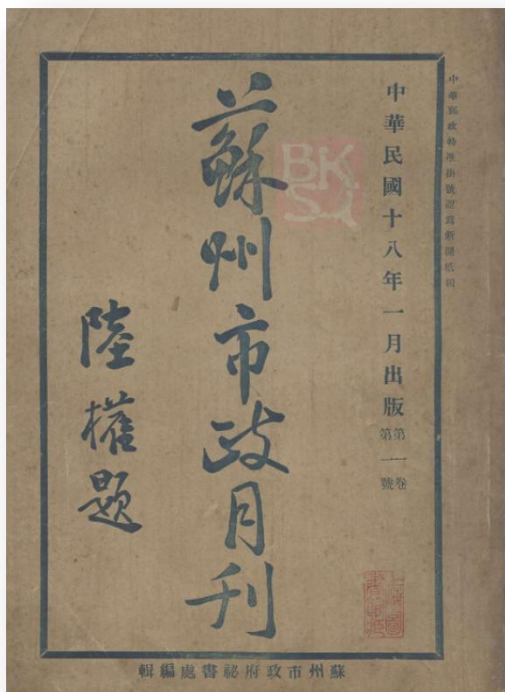
- From texts to tangible experience
- Mapping history across time-space
- Immersive revival of arts in Jiangnan
- Digital rebirth of red memory
- Urban culture insights from public behaviour



- Mapping History across Time-space



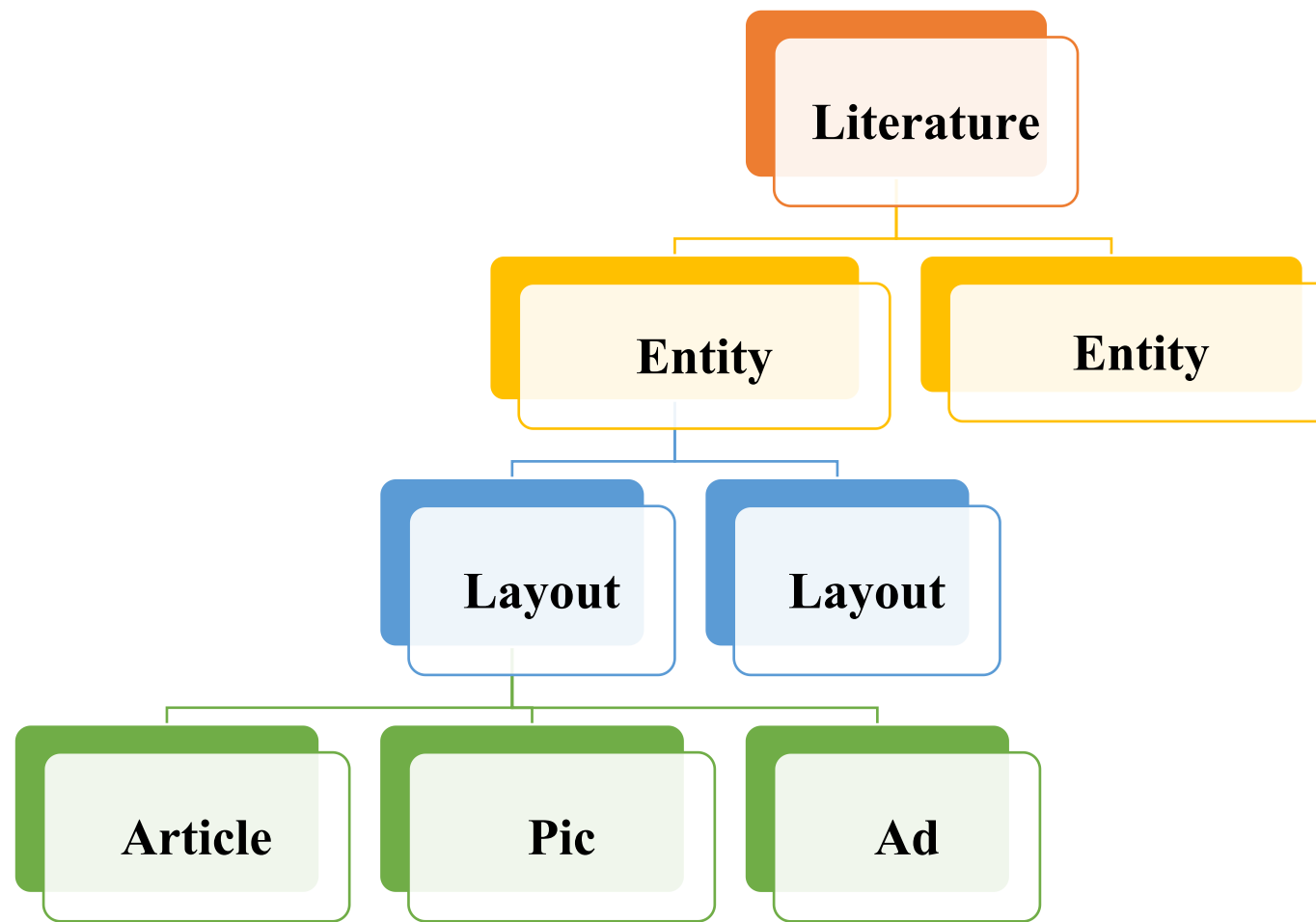
- Urban Culture
Insights from Public
Behaviour





02 An Introduction to Data Description and Open Data

Metadata of Periodicals on CNBKS



Metadata for the Title of Late Qing and Modern China Periodicals

Number	Metadata Item	Item Description
1	Title	The official title of the periodical
2	Publishing Period	The publishing period, like monthly or weekly
3	Publication Year	The start and end of the the publication
4	Organizer	The major organizer of the periodical
5	Place of Publication	The city where the periodical published
6	Introduction	A brief introduction of the periodical

Metadata for the Article of Late Qing and Modern China Periodicals

Number	Metadata Item	Item Description
1	Title	Title of the article
2	Auther	Author of the article
3	Method	How the auther write the article, like translate or comment
4	Source	Title of the literature
5	Classification Number	CLC Number
6	Publication Year	The start and end of the the literature
7	Volumn	Volumn of the the literature
8	Issue	Issue of the the literature
9	Number	Number of the the literature
10	Page	Article page number
11	Serial Information	“Unfinished”
12	Foreign Language	When there’s foreign language in the article
13	Chart	Table or chart

Metadata for the Books of Modern China

Number	Metadata Item	Item Description
1	Title	Title of the book
2	Author	Author of the book
3	Place of Publication	Where the book was published
4	Organization	Publisher of the book
6	Publication Time	When the book was published
7	Subjects	Key words for the book
8	Synopsis	Brief introduction of the book's content
9	Size	Size of the book, in CM
10	Page Number	Number of pages of the book
11	Language	Language of the book
12	CLC	CLC Number

Metadata for Picuture

Number	Metadata Item	Item Description
1	Title	Title of the picture
2	Auther	Author or photographer of the picture
3	Literature Title	Title of the literature to which the picture belongs
4	Type	Type of the picture
5	Year	Year of publication fo the literature
6	Issue	Volumn and issue number of the literature
7	Article Title	Title of the article to which the picture belongs
8	Storage	Storage of the picture, in KB
9	Size	Size of the picture, in pixel
10	CM Size	Size of the picture, in CM

Metadata for the Index of Contemporary Periodicals

Number	Metadata Item	Item Description
1	Title	Title of the article
2	Auther	Author of the article
3	Source	Title of the literature
4	Year	Publication year of the literature
5	Volumn	Volumn of the the literature
6	Issue	Issue of the the literature
7	Number	Number of the the literature
8	Page	Article page number
9	Library Information	The library where the literature is collected
10	Call Number	Call Number for the literature
11	Classification Number	CLC Number

上海图书馆开放数据竞赛

全国报刊索引开放数据接口（API）说明书

综述

全国报刊索引开放数据接口目前提供以下形式的数据接口：

通过查询接口获取“刊名”、“年、卷、期”、“作者”、“摘要”、“关键字”、及其相关翻译信息等数据。

说明：注：使用开放数据接口时需要提供 APIKey 进行验证。（即：参赛报名时自己注册用户时得到的 ApiKey，已发送至您的注册邮箱：发件人为 stjpadmin@libnet.sh.cn）。

通过访问资源 URI 获取数据

API 接口：

[https://data.cnbkxy.com/competitionSearch?key=\[参数1\]&searchContent=\[参数2\]](https://data.cnbkxy.com/competitionSearch?key=[参数1]&searchContent=[参数2])

输入：

[参数 1]：用户的APIKey

[参数 2]：检索关键字

输出：

包含资源及其属性和值的 JSON 数据

Thank You