



# Let's Create a Collaborative Database for Japanese Studies

Discover the exciting project of building a collaborative database for Japanese studies that will transform the way we access and learn about Japan.

Link: <https://databaselist-for-japanese-studies.blogspot.com/2018/04/blog-post.html>

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# Project Overview



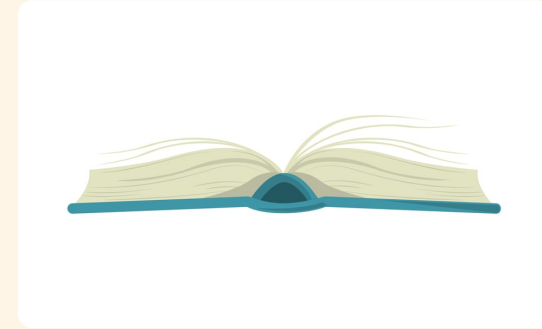
## The Challenge

The objective of this project is to create a collaborative database that encompasses all aspects of the country, from history and literature to art and music.



## The Approach

This database is built collaboratively by a team of Japanese resource experts and librarians. It relies on a user-submitted model where users will not only browse the data, but also have the possibility to contribute to it.



## The Outcome

By creating this database, we are creating an innovative platform that allows students, researchers, and anyone interested in Japanese studies to have access to quality information and insight on virtually any topic related to Japan.

# Objectives and Goals

## Collaboration

Encourage the participation of scholars, enthusiasts and students in developing the database, creating a lively and informative platform.

## Comprehensiveness

To collect a wide range of datasets, sources, and materials that cover a vast array of topics related to Japan, including language, history, literature, and contemporary culture.

## Accessibility

To provide a user-friendly and easy-to-use database that allows anyone interested in Japanese studies to access high-quality, and informative content, regardless of location or language barriers.

# Current Status Update

## 1 — Project Launch (2018)

We have launched the project 2018.

## 2 — Data Collection (2018- ; Continually)

We are collecting data continually through our Goolge Formula. Collected data is shared with the CC0 licence.

You can get the data from [our google spread sheet](#) (CSV).

## 3 — Application Development (Aug./Sept. 2023)

We are also working on building the application, which will allow for visualization and search of data, and output the data through API .

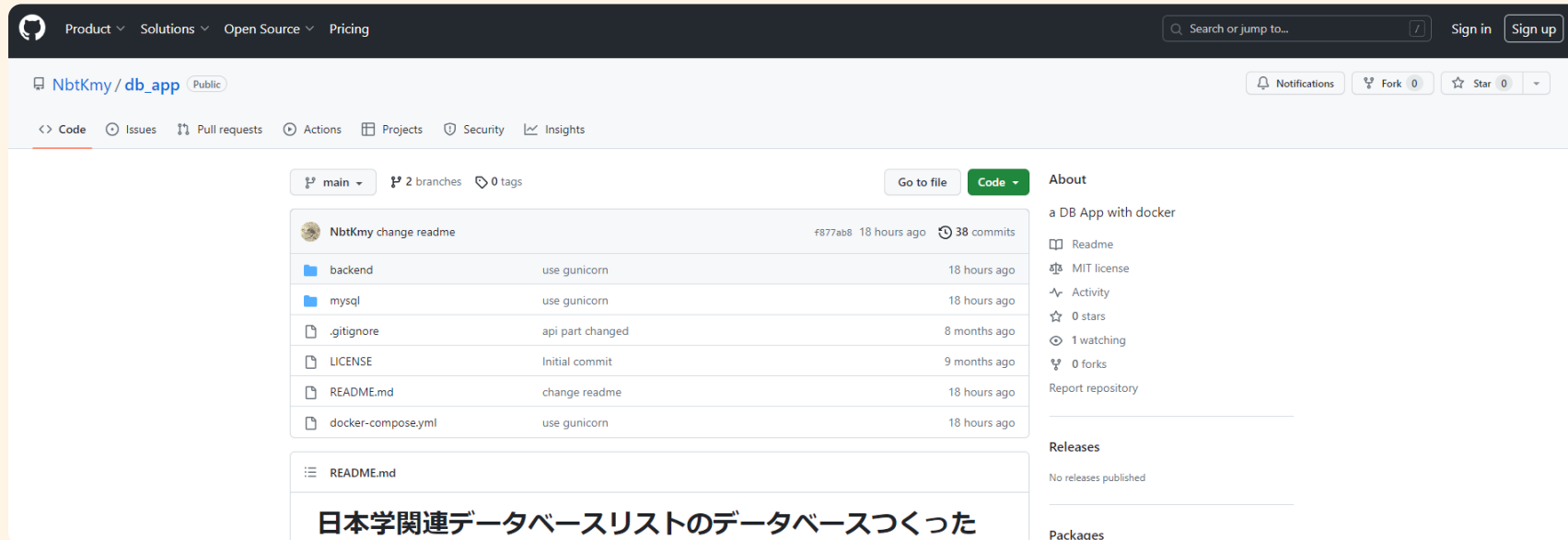
## 4 — Cooperation with NIHU

NIHU (National Institute for the Humanities) has kindly offered us to host the database.  
The project is running now...

# Application Development

The first version of the application is now released. You can get the source code in the [github repository](#).

If you have docker & docker compose (or docker desktop), you can run the application on your PC or on your own server.



The screenshot shows the GitHub repository page for NbtKmy/db\_app. The repository is public and has 2 branches and 0 tags. The main branch is selected. The commit history shows a recent commit by NbtKmy titled "NbtKmy change readme" with 38 commits. The file list includes backend, mysql, .gitignore, LICENSE, README.md, and docker-compose.yml. The README.md file is open, showing the title "日本学関連データベースリストのデータベースつくった". The right sidebar contains the "About" section, which describes the repository as "a DB App with docker" and lists the license as MIT. The "Releases" section shows no releases published.

File	Commit Message	Commit Time
backend	use gunicorn	18 hours ago
mysql	use gunicorn	18 hours ago
.gitignore	api part changed	8 months ago
LICENSE	Initial commit	9 months ago
README.md	change readme	18 hours ago
docker-compose.yml	use gunicorn	18 hours ago

# Technical Details and Requirements

## 1 Programming Language & Framework

- Using Docker & Docker Compose
- Python (Flask & Gunicorn)

## 2 Database Solution

We use Docker Image of MySQL. From the collected data we have created two tables, **creator** [of the database] and **database****list**. These two tables are ingested into the MySQL database. New data will be ingested through "cronjob" automatically.

## 3 User Interface

The application provides two UI, search function and data visualization (map). Additionally it has API interface.