DH2020: Lightning talk

Creating Structured and Reusable Data for Tourism and Commerce
Images of Edo:
Using IIIF Curation Platform to Extract Information from Historical Materials

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Our Purpose

• Restore Edo’s historical city conditions
  • Edo is Tokyo’s former name before the late 19th century.
  • Edo is the Capital of the Tokugawa Shogunate.

• Using historical materials as Data
  • A large number of books published in the Edo period (17th - 19th) images are being released based on IIIF.
  • We focus on non-textual materials.
  • For textual materials, TEI is the de facto standard.
  • For non-textual materials, we need to find new ways.

• We used IIIF Curation Platform to gather Images, add metadata and organize reusable data.
Material 1:
Guidebooks of famous places

- *Meisho-Ki 名所記* and *Meisho-Zue 名所図会* are books which contain information about famous places like guidebooks today.
- We picked up illustrations contained in these guidebooks and added metadata.

- Provided as “Illustration of Edo Famous Places”
  - We can search famous places with guidebooks’ titles, keywords, place names.
- Example: Famous places related to cherry blossoms 桜
Material 2: Shopping guidebook of Edo

• *Edo-Hitori-Kaimono-Annai* is a shopping guide of Edo. This book has names of merchants, address, occupations, trademarks (*Yagou-mon* 屋号紋) and advertising statements. The book design is focusing on images.

• We picked up all merchants’ information from this book.

• Provided as “*Curation of Merchant in Edo*”
  • We can search merchants with names, address, occupations and guilds (*Nakama* 仲間).

• Example: Illustrated advertisement of medicine dealers
Next step of our project

- We can reproduce the situation of the city. The current data confirmed the relationship between tourist sites and commerce.
  - We found the frequency of famous places with plants.
    - "Pre-modern Japanese Books as Data of Humanities: Finding Image of Edo Famous Place from Meisho-Ki 名所記 and Meisho-Zue 名所図会 using IIIF", JADH2019
  - Also we found relations between famous places and merchants.
    - "Using Pre Modern Japanese Book“江戸買物独案内” as Microcontents for Reconstruction the City of Edo", Jinmonkon2019
- Our next step is connecting non-textual information with geographical information.
  - We need to select place name dictionaries that matches the material.
    - Guidebooks of Famous places have only place name.
    - On the other hand, shopping guide has town and area name in the Edo period.
  - CODH provides “Edo Map β version” covers place names extracted from Edo Kiriezu 江戸切絵図.
    - We can visualize them on the map of the Edo period.