Emerging Technical Services, Part Two: 2019 Progress & 2020 Planning Report of CTP (Committee on Technical Processing)

Charlene Chou

Emerging Technical Services, Part Two:
2019 Progress and 2020 Planning Report of the
Committee on Technical Processing

Reported by Charlene Chou, CTP Chair

Since the article entitled: "Emerging Technical Services: The Vision of the Committee on Technical Processing" was published in the *Journal of East Asian Libraries*, no. 167 (2018), the Committee on Technical Processing (CTP) Chair has received positive feedback from several CEAL members. This report is Part Two and focuses on the progress of CTP activities and work plans to fulfill the goals of CTP in the past year.

Demand-driven training

After the 2018 cataloging workshop, CTP received requests to provide more training on emerging topics such as cataloging special materials/unique resources, manuscript and archives, linked data, BIBFRAME, identity management/authority control, e-resources metadata, proposing new LC subject and genre terms, non-MARC metadata, managing digital humanities/digital scholarship metadata and controlled vocabularies, etc. In the 2019 CEAL Cataloging Workshop, we included some of these topics. For example, "3R (RDA Toolkit Restructure and Redesign) Update" was presented by Kathy Glennan, the RDA Steering Committee Chair, since the beta is available for testing and the Toolkit has been transformed from an e-book for RDA rules to a data dictionary for both cataloging/metadata librarians and developers. Another highly demanded topic, "Cataloging special materials," was taught with hands-on exercises and cataloging examples of artist's books, 3D objects, visual materials, e.g. posters, postcards and so on. The participants were actively engaged in small group discussions and exercises.

In light of linked data, authorities, faceted vocabularies and identity management have been crucial for library metadata management. As usual, we had reports and updates from the CJK NACO, BIBCO, CONSER and SACO funnel projects, as well as ERMB cooperative cataloging for e-resources project. Since NACO CJK Funnel References Project for authority records was just launched, workflows and policies were explained thoroughly.

What does data curation mean to library technical services? This presentation was given by a data scientist, Matthew Mayernik from NCAR (National Center for Atmospheric Research Library), and key topics included data curation initiatives within libraries, data within library collections and distributing library metadata beyond libraries. The presenter emphasized the importance of authorities/identity management done by cataloging community, and recommended enhancing more authority work/controlled vocabularies for data curation. NCAR implemented a project to launch its DASH (Digital Asset Services Hub) Search, which allows user to find and access digital assets created and published by NCAR community programs, and this Hub distributes library metadata beyond libraries. Since

Google just launched its new Google Dataset Search, strategies/methods to make more library metadata discoverable through this Google search engine would be an important next step.

Enhancing the discovery of unique and digital collections through collaboration between public and technical services

In addition to providing quality metadata for e-resources, unique objects and digitized collections, there are increasingly enormous demands for DH/DS (Digital humanities/digital scholarship) projects. The Technical Services Librarians are committed to provide quality metadata and to ensure that these resources are findable, shareable and sustainable in the networked environment worldwide. The 2019 CTP meeting explored and examined how to provide and maintain library metadata for better discovery of these resources, such as using controlled vocabularies in the context of the linked data environment. Most importantly, we need to know how to communicate and collaborate with diverse stakeholders to fulfill the goals and implement projects in terms of user-centered services. Three presentations demonstrated stories and testimonies for using a collaborative approach to improve the discovery of digital collections, unique and rare materials.

The video presentation of a new DH Platform—Academia Sinica Digital Humanities Research Platform—was played and a wrap-up discussion, "What Roles Will the Cataloging/Metadata Librarians Play for DH/DS Projects," was conducted. We strongly believe that collaboration makes global digital libraries sustainable due to shared cost and expertise and that library portals should be connected to international frameworks, information hubs and regional centers such as IIIF and DARIAH, etc. Quality metadata are mandatory to enhance the discovery of diverse resources by using controlled vocabularies and international standards. Most importantly, we embrace emerging technology such as linked data and use authoritative and linkable thesauri such as VIAF, AAT, LCGFT, etc. rather than reinventing the wheel to create a silo project with unlinkable metadata.

DH/Digital scholarship resources for East Asian studies and beyond

Some CEAL colleagues attended the International Conference on the Cyberinfrastructure for Historical China Studies at Harvard China Center, Shanghai in March 2018, the Digital Humanities Asia 2018 Summit at Stanford in April and the Eighth Conference of Japanese Association for Digital Humanities (JADH2018) "Leveraging Open data" in September 2018. Based on the resources of these conferences and others, CTP has compiled a list of Digital scholarship resources for East Asian studies and beyond and posted it on the CTP website. For the direct link to the document, go to http://www.eastasianlib.org/ctp/Projects/2017-2020/Digital_Scholarship_Resources_CTP.docx.

After this bibliography was posted on eastlib listserv, we received several emails from the US, Europe and Asia to support sharing this bibliography in the CEAL community. We have received several comments to update links for new versions of tools/platforms. On October 4th, 2018, we received an enquiry forwarded from a scholar in Japan who would like to see if CTP is planning to update/maintain this bibliography. "If CTP is planning to make

efforts to update this list in the future, his institution will not need to create their own list." This was a great suggestion and encouragement that this bibliography gets attention from outside North America.

In service to the future

The theme of the 2020 CTP program will be "enhancing the discovery of East Asian resources with linked data for cultural heritage and digital humanities." Semantic technology and linked data enable large-scale Digital Humanities research, collaboration and aggregation as well as Cultural Heritage (CH) data, which is multilingual, semantically rich and highly interlinked. There are large national and international CH portals, such as Europeana, to large open data repositories, such as the Linked Open Data Cloud, and massive linked library data in the US, Europe, and Asia in recent years. More East Asian libraries have implemented IIIF (International Image Interoperability Framework) for their digital collections to share, view and curate high-resolution images internationally. The 2020 CTP meeting will explore and discuss how to enhance the discovery of East Asian resources with linked data for cultural heritage and digital humanities and in light of cultural diversity. For instance, RISE (a technical infrastructure aiming to bring digital resources and research tools together in one platform for DH research) and CHMAP (a set of WebGIS tools to display maps from different sources, including IIIF images) will be presented.