Scope, an award-winning provider of outsourced, cost-effective data services, offers customized services to deliver cleaner, structured and ready-to-use data. Scope has gained immense experience over the years in providing MARC cataloging services to leading global information providers, life science societies, e-publishers and standards organizations, creating MARC records for ebooks, journals and standard technical publications. Leveraging the experience and using a judicious blend of technology and SME intervention, Scope is uniquely positioned to deliver MARC cataloging services.

Scope has developed a proprietary platform-based service, *mARCat™*, to create more complex and robust metadata, which are then validated by subject matter experts (SMEs). Scope employs dynamic cataloging templates based on MARC standards to seamlessly create / update records. Scope has a unique advantage of a team with rich experience in bibliographic domain, expertise in various non-English languages, and commitment to procedures that ensure quality.

mARCat Differentiators

- An established bibliographic / cataloging team of library professionals with MLIS qualifications; data conversion specialists with proficiency in MARC formats
- Expertise in creating and updating records based on MARC21 standards and cataloging rules such as AACR2 and RDA
- Data-rich tagging (enhanced/enriched metadata) to enhance the discoverability of records
- Exposure to computerized documentation system, subject classification, and language transliteration technology
- In-house SMEs in Medical, Engineering, Science, Law and Humanities to validate the subject classification
- Non-English language capability, including French and German; an external panel of language experts in Chinese, Korean, Japanese and Spanish
- High quality levels ensured via a robust quality control methodology that introduces SME input at each stage

mARCat has the following components:

Input handling: Integrating OCR techniques, *mARCat* accepts various electronic document formats, including XML, PDF, TIF, MS Word and HTML. It also accepts source files in hardcopy formats.

ETL: Extraction of metadata based on MARC and LOC standards.

Assisted-auto cataloging: *mARCat* automatically assigns the basic MARC tags for the extracted metadata.

SME validation / enhancement: To enhance the robustness of the metadata, SMEs validate the auto-generated MARC tags for Authority Subject / Classification, Author Names and comprehensiveness of inter-related tags.

Validation: *mARCat* automatically validates the MARC output for formatting accuracy, based on built-in rules defined as per MARC standards.

Quality check: Each MARC record is validated to ensure data accuracy, MARC fields relevancy, formatting and comprehensiveness of inter-related tags.

Output: The desired output format (.mrc, .mrk, .txt and .xml) of the MARC record can be configured in the *mARCat* platform.

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