Online Reference Database Creation

Overview

The client is a renowned online publisher of STM journals, which has established itself as a leader in building the ultimate Open Science platform. The client required developing a reference database with PubMed Ref IDs from The National Center for Biotechnology Information (NCBI) website. Cameo, with its extensive experience in database development, created a tool to automate the extraction of millions of PubMed Ref IDs from the website and incorporating them into the Client's reference database.

Client's Requirements

The client aimed to create a unified and customized reference database with PubMed Ref IDs from NCBI for its online users, especially targeting the needs of researchers.
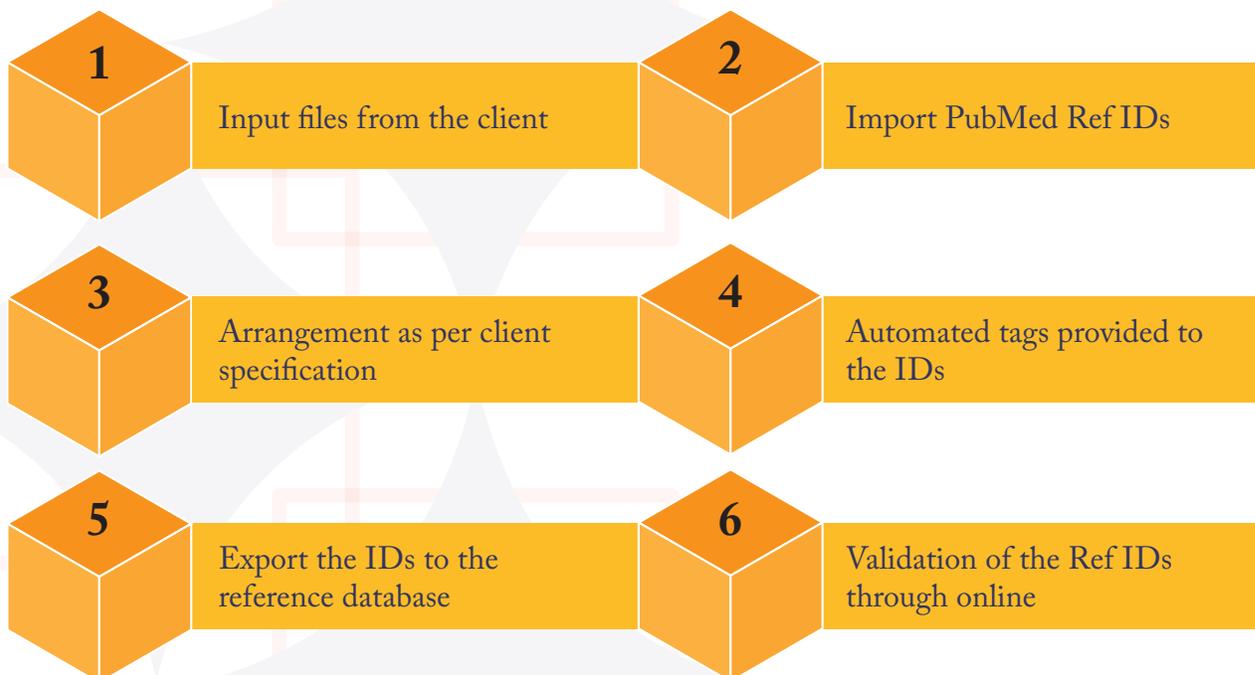
Challenges

- Inputs have to be sourced from PubMed, which comprises more than 24 million citations for biomedical literature.
- Digitization should be strictly based on the client's specifications.
- Globally accepted abbreviations of journals to be used.
- Nearly one million PubMed Ref IDs have to be imported accurately and incorporated into the client's website.

Solution

Cameo conceptualized the client's requirements and developed a best-in-class scalable and cost-effective software application to accurately import the PubMed Ref IDs, which imported the PubMed Ref IDs accurately and incorporated them in the client's reference database, as per the client specification. The automated tool tagged the references accurately by selecting appropriate article types for each article segments based on the template provided by the client.

Process

1 Input files from the client

2 Import PubMed Ref IDs

3 Arrangement as per client specification

4 Automated tags provided to the IDs

5 Export the IDs to the reference database

6 Validation of the Ref IDs through online

Result

With incredible performance, Cameo dispatched more than 1,100,000 pages per month and helped the client to market its eBooks in the digital world, well before the given time. This resulted in the increase in sales of the eBooks for the client, which was well appreciated by the client.

Contact

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