Realization of common platform technology, facilities, and equipment that creates innovative knowledge and products

Infrastructure to objectify qualitative knowledge

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Summary :

For some research topics, such as medicine and art, where target human experiences that are difficult to measure, the secondary use of existing documents in which individuals record the observation objects, for example, patients' diseases or how the observer feels about the sound of a piano, enables researchers to efficiently produce data for research regarding human experiences.

However, it is difficult for third-party readers with different background knowledge to create high-quality data from current quality documents. The natural language processing technique is also incomplete for extracting high-quality data from current quality documents. Furthermore, it is unrealistic for the observer to record background knowledge that is obvious to the observer in the documents under the restrictions of syntax.

We will develop a universal infrastructure to define document formats that unburden the observer as they write and help maximize a third-party reader's understanding of the documents.

Internalization

Externalization — Infrastructure to help the observer and a third-party reader

Objectification

Datasets for researches