



TECHNOLOGY

Translation Memory Retrieval System

OVERVIEW

Background

Translation memory systems containing a database of previously translated materials are widely used by translators. An important part of these systems is the matching algorithm that determines what translations get retrieved from the bank of available translations to assist the translator. A fundamentally important factor that determines the usefulness of a translation memory technology is how well the bank of previously translated materials matches up with the materials to be processed. It is also necessary to have technology powerful enough to manage a large amount of data.

Innovative Technology

Researchers at the University of Maryland's Center for the Advanced Study of Language developed an algorithm for computer-aided translation software that produces more helpful translation examples by enabling translation memory systems to identify more relevant matches. This technology is consistently judged to be most helpful by translators for multiple domains and language pairs.

APPLICATIONS

- Computer-aided translation software
- Translation memory systems

ADVANTAGES

- Produces more helpful translation examples
- Offers ability to handle larger amounts of data for translation memory systems

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Additional Information

INSTITUTION

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PATENT STATUS

Pending

LICENSE STATUS

Contact OTC for licensing information

CATEGORIES

- Information Technology

EXTERNAL RESOURCES

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