Abstract

In our work, we integrate a traditional approach of machine translation which translates source language sentence into equivalent target language sentence. We proposed an English (source language) to Sanskrit (target language) machine translator based on Rule based approach and Example based approach. We further compare the performance of these approaches for different category of sentences as like small, large, and extra large. We also develop a GUI for making it user friendly and provide the speech output of the target sentence with the help of speech synthesizer a plug in module.

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**Index Terms**

Computer Science

Information Sciences

**Keywords**

Rule based machine translation  Example based machine translation  Parser

Bilingual Dictionary

Formant Synthesizer
Machine translation

Evaluation parameter.