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.