Abstract

Despite the linguistic diversity, communication is important for economic and social growth. But it is impossible for a human being to know all languages. This led to the inception of machine translation. Machine Translation (MT) is a field of Artificial Intelligence and Natural Language Processing which deals with translation from one language to another using machine translation system. Even after translation, in order to assess the goodness of MT system i.e. if the translated output is of human translation quality or not, some Evaluation strategy is required. This paper gives a review of the work done on various Indian machine translation systems and existing methods for evaluating the translated MT system's Output.

References

- Akshar Bharati, Vineet Chaitanya, Rajeev Sangal, COMPUTATIONAL LINGUISTICS IN INDIA: AN OVERVIEW.
A Review of Machine Translation Systems in India and different Translation Evaluation Methodologies

- S. Bandyopadhyay, (2004) "ANUBAAD - The Translator from English to Indian Languages", in proceedings of the VIIth State Science and Technology Congress, Calcutta, India. pp. 43-51
A Review of Machine Translation Systems in India and different Translation Evaluation Methodologies

Bambay, 202. 141. 152. 9/clir/papers/matra_mspl06. pdf
- Ankush Gupta, Sriram Venkatapathy and Rajeev Sangal, "METEOR-Hindi: Automatic MT Evaluation Metric for Hindi as a Target Language" Proceedings of ICON-2010:8th International conference on Natural language processing, Macmillan Publishers,
India.


**Index Terms**

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