Abstract

This paper focuses an important aspect of converting the labels on user interface of web based interactive (on-line) application in multiple languages in India. English is commonly used
language over the Internet. Web based commercial on-line applications such as Internet banking usually have their user interfaces in English. The web forms of commercial web based applications have large amounts of text, usually in English language text, consisting of words and phrases which appears as a part of the interaction.

This paper proposes a hybrid approach using rule based-direct Translation and human aided machine translation. Automated assistance in the generation of these text items would help to take this application typically to the rural India. In this paper, the authors describe how to create a bi-lingual English-Marathi, English-Hindi and English-Gujarati glossary that can be used to provide automated assistance to convert the web based user interfaces. Authors have focused more on translating the labels of web based forms from English to Marathi, Hindi and Gujarati languages in India.

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Index Terms

Computer Science Natural Language
Processing

Keywords

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