

Study of Syntactic Errors for Deep Parsing at Machine Translation

Authors : Yukiko Sasaki Alam, Shahid Alam

Abstract : Syntactic parsing is vital for semantic treatment by many applications related to natural language processing (NLP), because form and content coincide in many cases. However, it has not yet reached the levels of reliable performance. By manually examining and analyzing individual machine translation output errors that involve syntax as well as semantics, this study attempts to discover what is required for improving syntactic and semantic parsing.

Keywords : syntactic parsing, error analysis, machine translation, deep parsing

Conference Title : ICEMNLP 2017 : International Conference on Empirical Methods in Natural Language Processing

Conference Location : Kuala Lumpur, Malaysia

Conference Dates : February 12-13, 2017