Abstract

The real life intelligent applications such as agents, expert systems, dialog understanding systems, weather forecasting systems, robotics etc. mainly focus on commonsense knowledge. And basically these works on the knowledgebase which contains large amount of commonsense knowledge. The main intention of this work is to create a commonsense knowledgebase by using an effective methodology to retrieve commonsense knowledge from large amount of web data. In order to achieve the best results, it makes use of different natural language processing techniques such as semantic role labeling, lexical and
syntactic analysis.

Reference

- Ponzetto, P. S., & Strube, M. “Semantic role labeling for conference resolution”. In Companion volume of the proceedings of the 11th meeting of the European chapter of the association for computational linguistics (pp. 143–146), 2006

Index Terms

Computer Science

Knowledge Discovery

Key words

Automatic statistical semantic role tagger (ASSERT)
lexico-syntactic pattern matching

semantic role labeling (SRL)