Assigning the Correct Word Class to Punjabi Unknown Words using CRF

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Authors:
Sanjeev Kumar Sharma

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Abstract

Part of Speech tagging has a vital role in different fields of natural language processing. It can be defined as the process of assigning a tag or a label to a word according to its morphological or syntactical properties. The objective of this paper is to develop a POS tagger based on hybrid approach which is combination of rule based approach and CRF based approach. In this, the tagset used 36 tags which is proposed by TDIL for Indian languages.

References


18. [http://tdil.mit.gov.in/]

Index Terms

Computer Science Pattern Recognition
Keywords

Natural Language Processing, Part of Speech Tagging, Rule based approach, CRF, Hybrid.