On the Semiautomatic Generation of Verb Synsets in Languages other than English

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Abstract

WordNet (WN) is a lexical knowledge base, first developed for English and then adopted for several Western European languages, which was created as a machine-readable dictionary based on psycholinguistic principles. Its "building block" is a synonym set *(synset)* of all words belonging to the same part of speech that express a given concept. English nouns, verbs, adjectives and adverbs are organized into synsets, each representing one underlying concept. The present paper concentrates on the semiautomatic generation of verb synsets in languages other than English, a topic of great interest since the existence of such WNs will create the appropriate infrastructure for advanced Information Technology systems. The paper extends an algorithmic approach proposed in [Nikolov and Petrova, 01], while stating the need to combine class methods with structural ones for the automatic construction of such lexical data bases.

Keywords: WordNet, elementary set, e-set, synset, synset_id
Category: J