

# Multilingual Vocabularies in Open Access: Semantic Network WordNet

WordNet, known as Princeton WordNet (PWN), is a lexico-semantic network which was created at Princeton University in 1985. It has been developing constantly. Princeton WordNet contains information about nouns, verbs, adjectives and adverbs in English. They are grouped into sets of synonyms – synsets, and every synset represents a particular concept. The main semantic relation among synsets is synonymy and there are also hyponymy, antonymy, meronymy etc. The next phase was multilinguality.

The project EuroWordNet (EWN) was built for Dutch, Italian, Spanish, German, French, Czech, Estonian and English. It had the new component named Inter-Lingual-Index (ILI) which connects the synsets in different languages with synsets in PWN. The next multilingual project was BalkaNet started in September 2001 and finished in August 2004. The main goal was to align Balkan languages to PWN: Bulgarian, Greek, Romanian, Serbian, Turkish and to extend the Czech wordnet, which was part of the EuroWordNet project. When the BalkaNet project finished, Serbian

Wordnet (SWN) continued to develop according to innovations in Princeton WordNet (versions 2.0 and 3.0). Moreover, Serbian WordNet (SWN), is one of around 150 wordnets in multiple languages, which are members of The Global WordNet Organization. This organization supports open access and connects all these wordnets to WordNet (Princeton or others that are linked to

PWN). Finally, Open Multilingual WordNet combines wordnets in open access, data from Wiktionary, the product of Wikimedia, and the Unicode Common Locale Data Repository.

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