

DeriNet is a database of Czech lexical derivatives. It is a wordnet in which nodes represent lemmas sampled from the Czech National Corpus and edges represent derivational relations between them (such as work → workable → unworkable). Sourcing the lemmas from a corpus brings two problems: errors and missing lemmas that could link together currently unconnected clusters. Therefore, a more reliable and more complete source of lemmas is needed. The goal of this thesis is to extend the lexicon of DeriNet using lemmas sourced from MorfFlex CZ, a Czech morphological dictionary, and to correct the derivational rules that produce errors with the new lexicon. Error rate is measured by comparing the relations in the database with manually annotated data created as part of the thesis.