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## The Three Croatian E-lexicons in the Network Framework

A word, whether spoken or written, is the product of the human mind, representing a characteristic of a concept. Moreover, the characteristic is also a word and, since a concept usually requires more features, it can be said that words describe a word. When added together in a sentence, words interact with other words, or their features. Each word also has its own substructure. In science, this is similar to the ways in which molecules are made up of atoms, which are, themselves, made up of subatomic particles that come together to create something entirely new. Therefore, if we build a dictionary to contain a set of words, we need to give it three levels of information: subatomic, atomic and molecular. Based on this, the Syntax-Semantic Framework (SSF) network consists of three mutually-linked network dictionaries: LEX, a lexicon which contains over 950,000 words (in all forms); MSY, a lexicon of subatomic word parts (syllables, morphs and syllablemorphs) with over 10,000 parts; and MWE, a lexicon of multiword expressions (collocations, phrases, terms, etc.) with over 170,000 entries. The database containing these lexicons uses 5 GB of storage space. In addition to words, the LEX model also contains each word's accent, image, or sound (spoken variant of the word). The specialty of this lexicon is also its link to other local network resources (e.g. the Miroslav Krleža Institute of Lexicography - LZMK, Croatian Language Portal - HJP, Croatian WordNet - CroWN), as well as foreign ones (e.g. BabelNet and WordNet). Furthermore, the SSF is included in the global Linguistic Linked Open Data (LLOD) cloud, which provides interoperability with all other world languages and dialects. These links produce a direct impact on language analysis, enabling the SSF to conduct what was, until now, not possible to conduct.

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