

The aim of this bachelor thesis is to explore this image label database coming from the ESP game from the natural language processing (NLP) point of view. ESP game is an online game, in which human players do useful work - they label images. The output of the ESP game is then a database of images and their labels. What interests us is whether the data collected in the process of labeling images will be of any use in NLP tasks. Specifically, we are interested in the tasks of automatic coreference resolution, extension of the lexical database WordNet, idiom detection, and collocation detection. In this bachelor thesis we deal with the first two of them, which is the task of the automatic coreference resolution and the task of exploring the potential benefits to the lexical database WordNet.