

The goal of this master thesis is to implement some of the previously suggested ways of usage of Ontologies in Knowledge Database Discovery (KDD) process. The implementation is done in the Ferda environment, a modular environment for visual GUHA data mining. The work argues about each of the suggested ways of usage of ontologies in consideration of their successive implementation. Great part of the work is devoted to selection of the right language for representation of ontologies. Furthermore, the implementation of the selected modules in Ferda is described. The functionality of these modules is then tested on an example and there is evaluated the contribution of the modules for KDD process. At the end of the work the suggestions for future development of support of ontologies during the KDD process in Ferda DataMiner are described.