

The diploma thesis focuses on subject description unification methods in records aggregated from different sources in digital repositories, using the example of the National Repository of Grey Literature (NRGL). After presenting experiences with systems BASE and LASSO abroad, I describe the current situation in NRGL, where the automatic indexing is used to assign each record a unified subject heading from the Polythematic Structured Subject Heading System (PSSHS).

The thesis then presents how the MeSH thesaurus and Conspectus categorization scheme were mapped to PSSHS. These mappings were then applied to records from the National Medical Library. The aim of the experiment was to compare the subject description consisting of PSSHS subject headings created by automatic indexing, and the subject description created by mapping. In addition to that I explore the possibilities of mapping author keywords in records of academic theses.