

JDBC is an interface for standard usage of relational databases in the Java language. It demands repeated sequences of commands and doesn't provide means for comfortable work. The result is that in a nontrivial application solving of persistency related problems consumes a significant portion of the development time. The Hibernate library encapsulates majority of the difficulties involved. It does enable the programmer to save and load objects to/from a database transparently. It uses predefined metadata to do it. At the beginning of the thesis, there is a list of main problems of working with JDBC, which emerge in a nontrivial application. Any programmer using plain JDBC without an additional tool must solve these. A chapter consisting of examples of a JDBS usage follows. After that the thesis gives attention to the usage of the Hibernate library. In the last chapter comparative measures are discussed.