Abstract: The thesis deals with creation of PHP classes which represent SQL query as an object, independent of the dialect, and enable to load a query, modify it and write it. The classes can process queries of four types, SELECT, INSERT, UPDATE and DELETE, and convert them from/into MySQL and PostgreSQL dialects. The query’s object representation allows to modify it and retrieve information about the query easily. This fact is utilised while designing a sample application which, after plugging in an PHP application, can record executed SQL queries along with information about tables involved in the query and functions responsible for query’s execution.

Keywords: PHP, SQL, query, object