

The goal of this thesis is to design and implement a framework to support Legacy system access. Legacy systems are databases that use incompatible and obsolete technologies and can not be easily abandoned. The framework allows the abstraction of application logic from database platform and will enable full or incremental migration to a new, modern platform in the future. The framework also considers the option of encapsulation of an existing legacy application into the new system as a black box. The framework is well configurable and extendable and is independent on database platform or data context. A system based on proposed framework has been succesfully deployed in a company. The system facilitated the migration of the company to a new information system with an entirely different database platform. The practice shows the viability of the framework design.