

The master thesis provides a comparative analysis of two broadly-used technologies for building Java-based enterprise applications, the Spring Framework 2.5 and Enterprise JavaBeans (EJB) 3.0. Its main goal is to serve as a valuable source of information about their key features, thus helping developers with the decision which technology to use according to given requirements on the application to be developed. First, an overview of Spring and EJB's basic ideas and core design concepts is given. Further, a detailed examination of their capabilities is carried out in three main areas of comparison: the thesis focuses on how they (1) address management of application business objects, (2) analyses a basic set of provided middleware services, and also (3) concerns with more practical issues related to various application development efforts, such as architecture, testing, and configuration of applications being developed by using these technologies. Each area of comparison is divided into several tightly-focused sections thoroughly discussing Spring and EJB's capabilities relevant to a particular subject, their strengths and weaknesses. At the end, their key features are summarized, evaluated, and some recommendations are given.