

This enhancement of component system SOFA 2 is focused on the graphical interface. SOFA 2 is based on Eclipse Modeling Framework, through which is constructed a hierarchical model of the system. The extension of SOFA 2 developed in this project provides – via the graphical interface tools for the so called Deployment Plan – an editing of applications developed by SOFA 2 and copying of their components between repositories. The graphical interface is created as a stand-alone program or as a plug-in for the Eclipse platform. The enhancement is added to the management console called MConsole, which allows editing models and applications developed in SOFA 2. The whole library is programmed in the Java programming language. The graphical environment is build on JFace library for EMF-based models editors. EMF.Edit framework and its library Command are used for the editation of the models.