

In object model is standardly to each object assigned one class which defines not only the object data but also the methods working with these data. This approach is not practical in dynamic heterogeneous environment. There is a significant problem with real data homogeneity. The known data about some objects are different than about the others. The number of accessible information can change in time too. Despite these facts the maximal possible functionality have to be offered. In this thesis there will be designed an object model in Java, which can work with such a various data. The objects are not explicitly assigned to classes, but the election of methods which can be called on the concrete object depends on accessibility and values of object's attributes. The emphasis will be put on easy of use and high resistance againts errors caused during development and execution of applications. To prove the usability of relaxed objects model the design of an application will be part of this work. The most important parts of model and application will be implemented.