

Software connectors are used in component based systems as a special entities modeling and realizing component interactions. Besides this behavior, connectors can provide extra functionality and benefits (e.g. logging, adaptation, monitoring). This approach requires generation of connector code with respect to requirements of components, a target environment and features specified at the design stage. In this thesis we show how to extend the existing connector generator [33] by the Stratego/XT transformation engine, which includes a language for implementing program transformations and a collection of transformation tools. We use the toolset to realize a simple method of defining connector implementation, which is use as a template for a process of generation source code.