

Software connectors are intermediary entities used to model and realize communication in component systems. In addition to the communication, connectors can also provide extra functionality, such as logging or monitoring. This variability requires generation of the connector's code according to valid functional and non-functional requirements. Some requirements cannot be specified sooner than at deployment-time. However, the deployment environment can be restrictive. The existing connector generator [32] utilizes complex external tools for generation of the connector's classes from templates. In this thesis, we propose an optimization based on a precompilation approach. Templates are precompiled at design-time into a form that can be later compiled easily using a bytecode manipulation technique.