Software development requires from the developer not only accurate and clear structure of the system, efficient tests for finding bugs, but also a strong mathematical proof. All these components allow software to be reliable and eliminate the possibility of the system failure. The more complicated the system is, the more difficult it becomes to make sure that it works correctly and the mathematical proof helps to show the absence of the bugs.

Due to specific tools the developers can create the precise mathematical models of the software they develop. It allows to generate the best quality software, but may take a lot of time. All the tools, aimed to verify the models, have their own language for creating models. Despite the fact that all of them based on the logic, the syntax of these languages can be very different and it will take developer some time to get used to the syntax and to start creating his own models.

This thesis describes the plugin which was created for the developers who are new to the verification language Event-B, but have models written in this language and need to make insufficient changes of the model, using knowledge of the institution theory and specification based operators.