

The goal of this thesis is to explore tools for using the C# programming language to create scripts - short programs for quick and easy solving of small, usually one-time temporary tasks that usually arise during the work on larger projects. In the thesis we analyze existing tools and identify their advantages and disadvantages, formulate requirements for our own tool, and develop our own tool. The result of the thesis is a small integrated development environment (IDE) for quick and easy authoring of scripts in the C# language. The IDE offers sufficient features to allow easy authoring and debugging of programs consisting primarily of a single C# source code file. In the work we make heavy use of the NRefactory library for syntactic and semantic analysis of the C# source code.