

In the present work we deal with the concept and implementation of tool AutoComp for generating programs for processing structured text files. The tool accepts description of the text which making use of regular expressions and state machines. The output of the tool is a code in a programming language which gives interface for integrating code to a final program. It is possible to define points for calling specified functions and returning controll to the caller program in the input description. The use of generated code is to tokenize text or parse elementary gramatics. The tool provides two target programming languages and few character encodings. The concept was focused on extensibility to more languages and character encodings.