

The goal of this work is to design and implement general-purpose macro processor. This macro processor supports common features such as conditional evaluation, file inclusion, user-defined macros and manipulations with macros in runtime. Various modifications of the configuration of the macro processor are possible in run-time as well. Also it is possible to change the way of invoking built-in commands Several examples are included to demonstrate implemented features. The work also contains brief description, history and comparison with existing macro processors and theoretical principles of macro processing.