

The aim of this thesis is to create a program for browsing C source codes and facilitate searching in them. The program should cover basic search functions and provide a plugin for the Emacs editor. In contrast to other similar project cspot knows well semantics of the C language, which makes it a great assistant. The speed and effectivity of program was being considered throughout its design as well as possibility of update of an auxiliary database. The thesis contains the description of the used data structures as well.