

Abstract

The thesis entitled *Developing an IDE for Linux Operating Systems* is made up of five chapters.

Chapter 1 is an introductory part, outlining the purpose of the research presented in the thesis and also the concept of the application, focusing on its unique characteristics.

Chapter 2 discusses the C language, explaining why, despite all of its flaws, it is popular and relevant even in present times.

Chapter 3 provides an overview of related work. It also presents the possible choices of technologies for developing the application and explains why a particular set of these technologies was chosen.

Chapter 4 presents the application itself. First, it focuses on the development process, from the requirements specification to the implementation of the final product. Second, it showcases the application.

Chapter 5 represents the conclusion, specifying the results of the research while also briefly mentioning future work.

This work is the result of my own activity. I have neither given nor received unauthorized assistance on this work.