

Title: MP3 editor

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Abstract: The thesis focuses on digitized sound in MPEG 1 Layer III (MP3) format and its main goal is to implement an audio library which provides its user with selected editing operations. The text provides an overview of methods used during sound compression, then it describes the structure of an MP3 file and finally analyses the decompression process. Further on the library implementation and the steps that need to be taken in order to execute the editing actions while putting the earlier obtained knowledge into practice are explained. In the end the programmer documentation and CD containing working copy of the library is attached.

Keywords: MP3, editor, compression