

ABSTRACT

The bachelor thesis focuses on the comparison of selected methods used in text data compression. In the introduction of the thesis, the general issues of data compression, basic breakdown, terminology and methods of compression measurement are presented. The theoretical part discusses the selected compression methods and the algorithms on which they are based. It focuses in particular on the methods that form the basis of this problem and from which many other methods still in use today were derived. In the practical part, we discuss selected compression or archiving programs and compare the methods on which they are based and their documentation and, furthermore, we compare their effectiveness on selected text data, both within the program itself and with each other.