

In the present work we focus on creating an application for the purpose of measuring entropy of written language. The work presents results yielded from actual use of the application. It is based upon the work of an American mathematician Claude E. Shannon and exploits one of the methods which he used for estimating entropy. The content of the work describes the application and presents results of the experiment. While Shannon only focused on letters in his work, this thesis compares results of working with letters, syllables and words. Entropy estimates are given for Czech and English languages.