

Easy, simple and free as in freedom. These are the requirements for everyday access to information in newspapers. In this thesis we will create such environment based on network. We are designing a protocol for communication between peers, with messages being encrypted and with article verification upon download. Protocol ensures operation of newspaper as an institution with support for journalists and article publication. After an article is downloaded by the reader, it becomes available for further sharing inside the network. With readers and newspaper being the only sources of articles, we ensure protection of information inside the network.