

AUTOMATED SYSTEM OF CONCLUDING ESSAY

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Every year the amount of power and information flow increases. Arrange the flow and keep it in a controlled channel is through automated processing systems and information processing. At the heart of these systems are analyzing processes of primary documents - indexing and subject headings and synthesis - generating secondary documents cataloging. The essence of the scientific processing of documents is in the process of creating and converting documents. This process is designed to facilitate user searching and identifying information. The main types of scientific processing of documents are: classification, sorting, conversion, placement in the database and search. The result of summarization of documents is a secondary document - essays. Introduction to papers enables the camera to get a short information about the contents of source documents and thus most properly resolve the issue of the need to use them. Sometimes even a familiarization study replaces the original source, which is especially important when it is unavailable for any reason. Essays also used in the formation of bibliographic and factual search array of traditional and automated information retrieval systems. Therefore, the development of new, effective automated stacking comment is relevant.

Developed automated system concluding essay can significantly reduce the time required for assembly of the abstract than other systems abstracting. It's algorithm is simple enough, but it has several advantages:

- Using of weighting coefficients greatly improves the quality of the essay;
- User can determine the weight of some terms, depending on what topic focused essay he wants to;
- The system is designed to work primarily with texts Ukrainian and Russian, giving a significant advantage, since most modern systems still oriented to English texts.

The result of automated essay conclusion is secondary document, which accelerates the selection of documents; provides a higher degree of accuracy, completeness; provides an opportunity to inform consumers; facilitates indexing and classification of documents; is a means of raising awareness of this new science and technology; makes it possible to perform a retrospective search. Automatic kvazi summarization can be considered as one of the first steps towards automatic evaluation of scientific and technical information to automatically generate highly factual systems.

In this article an automated system of concluding essay had been described. The information model of such system has been designed. Goal, objectives and scope of the using this system was defined.

Keywords - annotations, abstraction, summarization.