

Formation Peculiarities of Tourism Documentation

Pavlo Zhezhnych, Oksana Soprnyuk

Information Systems and Networks Department,
Lviv Polytechnic National University, 12 S. Bandera street, Lviv, UKRAINE;
e-mail: oksanasoprnyuk@gmail.com

Abstract – The article describes formation peculiarities of tourism documentation, the role of tourism data consolidation for unified format creation and the need to use existing software tools to handle tourism information, formation process of tourism documentation is presented.

Keywords – tourism documentation, consolidation, extraction of information, unified data format.

I. Introduction

Nowadays open web-resources become more and more widely used due to the fact that such information is available and constantly updated. That's why, it is necessary to use open web-resources in the formation process of tourism documentation.

Sources of data on the Internet are of different types. There are structured (for example, information from the databases, etc.) and unstructured (e.g., fax, e-mail, voice mail, a variety of file documents etc.) sources of information. So it is important to form a set of rules and parameters of data processing in order to create unified format of information and group it by means of consolidation [2].

II. Main material

In order to create a high-quality tourism documentation it is necessary to analyze large volumes of information having the ability to access structured and unstructured data sources, ability to use tools for data extraction and the ability to implement improved methods for the fast and high-quality processing of information, as well as to form the rules of analysis depending on the data type and save the processed information in the unified form.

It is necessary to systematize information for its effective management. It is important to make a well-coordinated team of employees, introduce effective software, use computer systems, develop methods and means of human interaction with the machine teaching staff with the help of information technologies.

Extraction of information is performed with the help of certain tools of data extraction, which allow to present information in the unified way in a single agreed format [3].

In any tourism organization an important component of the activity is the information processing, which should be automated, in order to accelerate the process of data manipulation. In order to make it the data must be kept in a unified format.

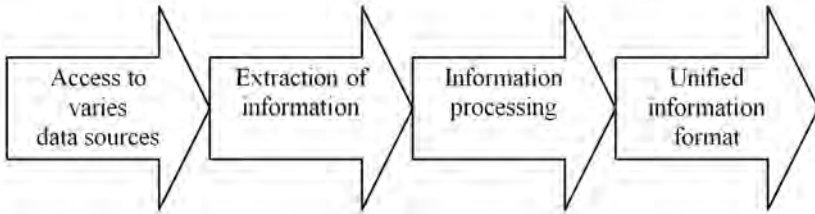


Fig.1. Formation process of tourism documentation

Nowdays in order to extract tourism information it is possible to use special information-analytical systems, which could be configured on certain sources of data before information processing. According to a data source type and its structure is formed a certain set of rules for the information processing [1].

Therefore, it is necessary to choose such software, which will allow to consolidate information from different sources, parse it and convert into a single format for visualization, preservation and further manipulation and creation of a certain model of data for the analysis.

Conclusion

Nowadays the problem of data structuring is urgent and at the same time the complex one. To convert the unstructured text into information suitable for the formation of tourism documentation it is necessary to use the appropriate computer algorithms and programs for the data processing. It is important to form a set of rules and parameters for the analysis of structured and unstructured sources with the purpose of adequate information processing.

References

1. Извлечение знаний из корпоративных источников информации [Электронный ресурс]. Технологии разведки для бизнеса, 2011. – Электрон. дан. – Режим доступа: <http://www.it2b.ru/blog/arhiv/511.html>
2. Управление неструктурированной информацией [Электронный ресурс]. Intelligent enterprise, 2004. – Электрон. дан. – Режим доступа: <http://www.iemag.ru/opinions/detail.php?ID=17860>
3. Clarabridge Document Analytics - инновационный инструмент для ситуационного анализа национальных проектов [Электр. ресурс]. С-new, 2006. – Электрон. дан. – Режим доступа: <http://www.cnews.ru/reviews/free/national2006/case/clarabridge>