

Justification of Use Expedience of Tourism Data Consolidation

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Abstract – The article presents the role of tourism information consolidation as the type of data integration in the process of tourism documentation formation.

Keywords – tourism documentation туристична документація, туристична інформація, інформаційне забезпечення, консолідація.

I. Introduction

Information support of tourism activity is formed as a specific information product that should meet the needs of tourism product consumer. Such an information product is actually named as tourism documentation[2], which contains information about tourism product, grouped by thematic chapters.

Tourism documentation is characterized by significant information volume. In order to fill it is important to process a large number of tourism information sources.

Internet sources of tourism information is characterized by open accessibility and heterogeneity of formats. That's why, it is necessary to choose the best method of tourism information integration in order to create a unique tourism data resource.

II. Comparison of data integration methods in tourism sphere

Formation of the appropriate tourism activity information support by using integration method of a large number of tourism information taking into account its features is a necessary tool for improving the quality of tourism services[1].

By using replication it is possible to create a unique comprehensive information resource copying homogeneous initial information sources. Therefore, this type of integration is not appropriate to integrate tourism information, which is characterized by heterogeneity of the data sources [2].

Federalization is not appropriate for integration of tourism information, since virtualization of primary data sources requires large amounts of memory.

Consolidation of information allows to form unique homogeneous information resource regardless of the primary sources structure and does not require large amounts of memory.

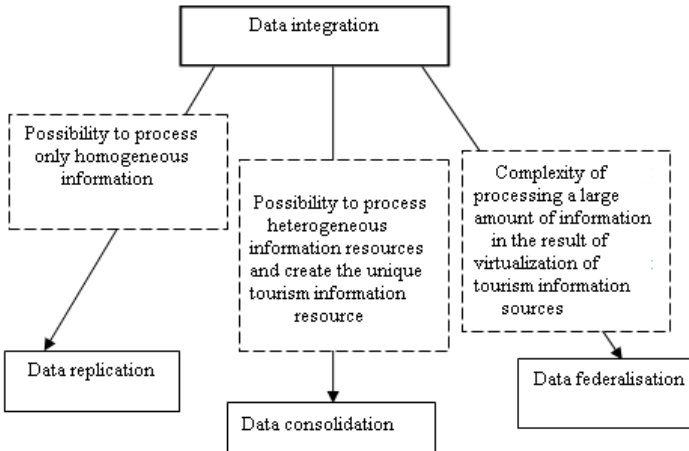


Fig.1 Peculiarities of data integration methods in tourism sphere

Therefore, data consolidation as integration method of tourism data integration is the most appropriate in the processes of tourism documentation formation based on open web resources (fig. 5).

Conclusion

In the result of comparison and identification of disadvantages of various methods of data integration is determined that the most appropriate in the tourism sector is to use the consolidation of tourism information, because the web sources are characterized by significant heterogeneity of data format, and by the means of the mechanism of consolidation is possible to generate ready unique information resource.

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