

Analysis Of The Development Of Ukrainian Repositories

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Abstract - The article presents analysis of the development of Ukrainian repositories and contribution of Lviv Polytechnic National University Institutional Repository in the development of Open Access in Ukraine.

Keywords - Open Access, Dspace, institutional repository.

I. INTRODUCTION

Institutional repositories (IR) are effective tools for implementing Open Access to educational and scientific materials of university. Scientific Library of Lviv Polytechnic National University (SLLP) currently has collected a considerable number of electronic documents (collection started in 2007), namely books - 500, thesis which was defended in Lviv Polytechnic National University - 400, items - 10000, and others - this faced us with the problem of their storage, processing and effective way of providing these materials to the reader[1]. That prompted us to create a repository of SLLP which is available by <http://ena.lp.edu.ua:8080>.

II. ANALYSIS OF REPOSITORIES

The source of the names of repositories is the Registry of Open Access Repositories (<http://roar.eprints.org>), because this is the most complete and accurate records. The selection of names of repositories is conducted on the following criteria:

1. Country – Ukraine (23 repositories);
2. Efficiency of online link (6 of 23 are not available);
3. Number of documents in the repository should be more than zero (17 repositories).

Filtered list of Ukrainian repositories: 1. Vernadsky National Library of Ukraine; 2. Electronic Sumy State University Institutional Repository; 3. Institutional Repository Khar'kov National Academy Municipal Economy; 4. **Lviv Polytechnic National University Institutional Repository**; 5. Electronic Archive V.N. Karazin Kharkiv National University; 6. Electronic Ukrainian Academy of Banking of the National Bank of Ukraine Institutional Repository; 7. Centre for the Anthropos; 8. IBSS Repository; 9. Zhytomyr State University Library; 10. Electronic archive of Ternopil State Ivan Puluj Technical University; 11. Central and Eastern European Marine Repository; 12. Electronic Library of Ukraine Open Archive; 13. Institute of Software Systems National Academy of Sciences of Ukraine; 14. Electronic Donetsk National University Institutional Repository; 15. Institutional Repository of Vadym Hetman Kyiv National Economic University; 16. Electronic Kyiv-Mohyla Academy Institutional Repository; 17. Electronic V. Dahl East-Ukraine National University Institutional Repository

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In figure 1 is presented a quantitative analysis of repositories in Ukraine.

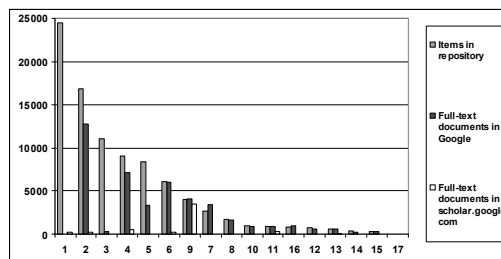


Fig.1. Diagram of positioning of the repositories

Quantitative characteristic of the repository is the statistical data - the content, the tendency of content, types of documents, traffic statistics[2]. Now the repository contains over 10,000 documents. The repository of SLLP covers various directions of activities of the university. Most of the documents in the repository are of technological direction - 69%. The Lviv Polytechnic National University Institutional Repository (<http://ena.lp.edu.ua:8080>) contains nearly 95 articles of Polish and 80 of Russian scientists, there are 372 registered users in Ukraine. Since its establishment (15/05/2010), already have been revised about 312,000 web pages and made more than 28,000 visits from 53 countries worldwide. This statistical information was received by means of Google Analytics and Dspace Statistics. The repository of SLLP indexed by Google Search – 100%, Google Scholar – 10% (1 item per day).

III. CONCLUSION

The main problem in developing IR in Ukraine – the lack of academic interest in placing their own works to the public repositories, also lack of foreign abstracts in submitted papers. As seen from the statistics – the interest in such projects is growing, but only as consumers of information. Scientific Library constantly conducts seminars, prepare handouts, explaining the benefits of the scientists who receive this by placing their materials in the repository.

REFERENCES

- [1] Андрухів А. Упровадження електронного архіву наукових публікацій у науково-технічній бібліотеці на основі програмної платформи Dspace / А. Андрухів, Д. Тарасов // Інформаційні системи та мережі. – Л., 2010. – С. 214-220. Режим доступу URI: <http://ena.lp.edu.ua:8080/handle/ntb/6793>
- [2] Андрухів А. І. Технологічні особливості редагування інформації в електронних архівах / А. І. Андрухів, Д. О. Тарасов // Матеріали II науково-практичної конференції "Сучасні проблеми діяльності бібліотеки в умовах інформаційного суспільства", Львів, 23 вересня 2010 р. – С. 99-104. Режим доступу URI: <http://ena.lp.edu.ua:8080/handle/ntb/6822>