Organization of the Bookchapter Process

Taras Malynowskyi, Andriy Demchuk, Kateryna Brylinska

Lviv Polytechnic National University, Lviv, Ukraine

Bookcrossing is the process of releasing books. The person who read the book transfers the book to another person or leaves the print edition in a special location or in a public place for the next reader to read the book to repeat the travel process. Book movement is controlled by special information systems that assign unique book numbers and use these numbers to track the book's path. It should also be understood that exchanging books without registering on the relevant resource is not considered bookcrossing.

In the time of high-tech media, the book is gradually losing its audience. The traditional book has been replaced by electronic media, but there is nothing wrong with that. Thanks to the Internet, people have quick access to e-books and other digital information. However, adherents of the traditional book will not disappear, because communication with the printed book, gives an unrivaled sense of the story of a living person.

The idea of bookcrossing was proposed by Internet technology specialist Ron Hornbeck in the year two thousand. It began with twenty books he had left with explanatory notes in his hotel lobby. Six months later, the book-sharing site registered about three hundred book users and new users. Already in April, two thousand third year, the number of registered readers exceeded one hundred thousand.

To join the public book exchange movement, you must register with a dedicated online resource. Books that the reader seeks to provide for sharing should be registered when creating their book repository. Each book is assigned a unique identifier when registering. An ID should be affixed to the printed work, so you can follow the book. A member of the book-sharing movement leaves a corresponding record when transferring a book. After receiving a hard copy, you must use the ID to find the book on the site and make the appropriate entry. After reading the book, you must release it. Thanks to this algorithm, you can track the number of readers who could read this book.

The essence of bookcrossing is the release of books in the wild. Community members leave their books at the train station, at the pub or even on the park bench as a gift for someone they do not know. In this sense, bookcrossing is an alternative book-sharing system based on gift-giving, which simultaneously and partially challenges the traditional market-sharing system. But this is not the only way club members exchange books. Often, more superficial tasks are accomplished without regard for higher-order goals. Sometimes gift-giving communities (open or peer) are considered metaphors of collective solidarity, but they represent elements of opportunism and selfishness: many entities receive and give nothing. Even those who

give, as is the case with club members, do so for very practical and sometimes selfish reasons.

There are several types of book exchange:

• Bookcrossing - book-to-book exchange,

• With safe places where books are left,

• Bucrei - mailing a book by chain, from one participant to the next, often crossing borders of countries and continents. The book does not return to the reader who released it,

• Booking - the only difference from a booker - the book is sent back to the owner who released it, that is, a circle is formed.

By developing a system of exchange that addresses the needs of people in society in what they consider important, it is possible to create more favorable conditions for the achievement of the goals of fans of the idea of bookcrossing.

References

1. Bookcrossing in Ukraine, http://otiumportal.com/bukkroscing—v—ukrayini.
2. Bookcrossing: Turning the World into a Solid Library, http://bukvoid.com.ua/digest/2009/11/29/150228.html.
3. What is BookCrossing? https://www.bookcrossing.com/about.
4. Bobalo, Y., Stakhiv, P., Mandziy, B., Shakhovska, N., Holoschuk, R.: The concept of electronic textbook "Fundamentals of theory of electronic circuits". In: Przeglad Elektrotechniczny, 88(3 A), 16-18. (2012)
5. Висоцька, В.А. Система опрацювання структури електронного підручника / В.А. Висоцька // Інформаційні системи та мережі. Вісник Національного університету "Львівська політехніка". – Львів 2003. – № 489. – Стор.49-63.
6. Kubik, R., Ryshkovets, Y., Hrendus, M., Khudyi, A., Vysotskyi, A., Hryhorovych, V., Chyrun, S.: Development of an Intelligent System for Selecting Songs According to the User Needs. In: Computational Linguistics and Intelligent Systems, COLINS, CEUR workshop proceedings, Vol-2604, 1251-1279. (2020)
7. Rusyn, B., Pohreliuk, L., Rzheuskyi, A., Kubik, R., Ryshkovets Y., Chyrun, L., Chyrun, S., Vysotskyi, A., Fernandes, V. B.: The Mobile Application Development Based on Online Music Library for Socializing in the World of Bard Songs and Scouts' Bonfires. In: Advances in Intelligent Systems and Computing IV, Springer, 1080, 734-756. (2020)
8. Korobchinsky, M., Vysotska, V., Chyrun, L., Chyrun, L.: Peculiarities of Content Forming and Analysis in Internet Newspaper Covering Music News, In: Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT, 52-57. (2017)
9. Lytvyn, V., Vysotska, V., Burov, Y., Veres, O., Rishnyak, I.: The Contextual Search Method Based on Domain Thesaurus. In: Advances in Intelligent Systems and Computing, 689, 310-319. (2018)
10. Rusyn, B., Lytvyn, V., Vysotska, V., Emmerich, M., Pohreliuk, L.: The Virtual Library System Design and Development. In: Advances in Intelligent Systems and Computing, 871, 328-349. (2019)

11. Kanishcheva, O., Vysotska, V., Chyrun, L., Gozhyj, A.: Method of Integration and Content Management of the Information Resources Network. In: Advances in Intelligent Systems and Computing, 689, Springer, 204-216. (2018)

12. Naum, O., Chyrun, L., Kanishcheva, O., Vysotska, V.: Intellectual System Design for Content Formation. In: Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT, 131-138. (2017)

13. Gozhyj, A., Kalinina, I., Vysotska, V., Gozhyj, V.: The method of web-resources management under conditions of uncertainty based on fuzzy logic. In: Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT, 343-346. (2018)

14. Gozhyj, A., Vysotska, V., Yevseyeva, I., Kalinina, I., Gozhyj, V.: Web Resources Management Method Based on Intelligent Technologies. In: Advances in Intelligent Systems and Computing, 871, 206-221. (2019)

15. Русин Б., Висоцька В., Погрелюк Л. Особливості проектування та розроблення інформаційної системи Virtual Library // Журнал «Методи та системи оптико-електронної і цифрової обробки зображень та сигналів», OEIET, vol 34, № 2, Сер 2018. – PP. 18-33. – https://oeipt.vntu.edu.ua/index.php/oeipt/article/view/479.

16. Rusyn, B., Vysotska, V., Pohreliuk, L.: Model and architecture for virtual library information system. In: Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT, 37-41. (2018)

17. Vasyl, Lytvyn, Victoria, Vysotska, Dmytro, Dosyn, Roman, Holoschuk, Zoriana, Rybchak: Application of Sentence Parsing for Determining Keywords in Ukrainian Texts. In: Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT, 326-331. (2017)

18. Lytvyn, V., Vysotska, V., Veres, O., Rishnyak, I., Rishnyak, H.: Classification methods of text documents using ontology based approach. In: Advances in Intelligent Systems and Computing, 512, 229-240. (2017)

19. Vysotska, V., Lytvyn, V., Burov, Y., Berezin, P., Emmerich, M., Fernandes, V. B.: Development of Information System for Textual Content Categorizing Based on Ontology. In: CEUR Workshop Proceedings, Vol-2362, 53-70. (2019)

20. Lytvyn, V., Vysotska, V., Budz, I., Pelekh, Y., Sokulska, N., Kovalchuk, R., Dzyubyk, L., Tereshchuk, O., Komar, M.: Development of the quantitative method for automated text content authorship attribution based on the statistical analysis of N-grams distribution. In: Eastern-European Journal of Enterprise Technologies, 6(2-102), pp. 28-51. (2019).

21. Bisikalo, O., Vysotska, V., Burov, Y., Kravets, P.: Conceptual Model of Process Formation for the Semantics of Sentence in Natural Language. In: CEUR workshop proceedings, Vol-2604, 151-177. (2020)

22. Vysotska, V.: Ukrainian Participles Formation by the Generative Grammars Use. In: CEUR workshop proceedings, Vol-2604, 407-427. (2020)

23. Bisikalo, O., Vysotska, V.: Linguistic analysis method of Ukrainian commercial textual content for data mining. In: CEUR Workshop Proceedings, Vol-2608, 224-244. (2020)

24. Lytvyn, V., Vysotska, V., Hamon, T., Grabar, N., Sharonova, N., Cherednichenko, O., Kanishcheva, O.: Preface: Computational Linguistics and Intelligent Systems (COLINS-2020). In: CEUR Workshop Proceedings, Vol-2604. (2020)

25. Vysotska, V., Lytvyn, V., Kovalchuk, V., Kubinska, S., Dilai, M., Rusyn, B., Pohreliuk, L., Chyrun, L., Chyrun, S., Brodyak, O.: Method of Similar Textual Content Selection Based on Thematic Information Retrieval. In: Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT, 1-6. (2019)