Using Vufind Discovery Tool is how much Replace Germany's Traditional OPAC??

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Abstract - Vufind is modern generation catalogue which replace the tradition catalogue OPAC. The open discovery tool offers single access point. It has a great advantage where an user search & retrieve their desired documents as they can. This paper is about the Vufind open discovery tool which is used many of the academic institutions in Foreign countries so the study is about the of using Vufind open discovery tool in German & how this discovery tool replaces the traditional OPAC. This modern software is used any types of libraries big or small. Vufind is one of the example of automated & digital library system. It is a highly customizable open source web-scale resource tool. Vufind searching tools has Apache Solr & it support 25 languages globally. It is a next generation catalogue. It has also a web 2.0 feature which is very much helpful to library users, this software were developed by Villanova University.

Keyword: Vufind, Apache, OPAC, Discovery tools, ICT, Marc Record.

Introduction

Modern library is a combination of all types of documents. so it's very much difficult to find out the exact document. So there is some tools or searching systems which helps to find out the exact documents easily. Nowadays the demands of all users has changed with the development of ICT. All the modern libraries are automated. There are various types of software is available in the market. Vufind open source discovery tools is a very much user friendly tool for searching library catalogue. The motto of a librarian is to serve information at the right time. But due to information explosion is a challenge for them to choose right information. This vufind discovery tool change the library services a lot. Germany & USA are the two countries where vufind software is using mostly. So this is a study OF the institutions of Germany. Vufind is one of the searching discovery tool to which user can search & browse their documents. Vufind software is designed & discover by Villanova University. It is a highly customizable open source discovery product.

About Vufind:

Vufind software is designed & developed by Andrew Nagy at Villanova University. The software has written in PHP PEAR and based on PHP programming codebases, Apache SOLR indexing MARC records. Apache SOLR indexing MARC records It is an alternative interface of I share catalogue. At first CARLI Adopted this for all types of library within CARLI I-share community. Its searches data from Voyager's database. It shows item availability & Place request. This discovery tool start began its journey from 2007 with Vufind 0.6. After that it's update version has come. Vufind 3 came to market in 2016. This version of VuFind with XC OAI, XC MST Normalization, XC MST MARC Aggregation, and Voyager services. Then the "New Vufind" version 4.1 came to the market in 2017. At first version 4.1 was a testing data. After that version 4.1.3 is running in September 2018. And now all the development of this software work has completed. New version 4.1's functionality is continually being enhanced. This version is APA, MLA, and Chicago Style citation generator; Compatible with Zotero and any other COinS-based application & it allows you to tag records, save items, create public or private favorites lists of items, and save searches to re-execute later. Vufind
offer cross platform environment a user can install Vufind on windows, Ubuntu Linux, Mac, Fedora Linux. The three main improvements that a discovery layer provides are relevance-ranked results, new browsing capabilities, and improved subject access. The interface is also available in multiple languages. VuFind allows tagging, commenting, keeping a list of favorites, and sending search results as text messages or email.

Review of literature

Resource discovery service is for online service. Users can access globally. Now a day's many libraries are using different types of resource discovery tools for searching of catalogue. This discovery tools are very much user friendly to use. These types of discovery tools is very much important in automated library environment. Vufind is one of the open source discovery tool for searching of documents & it support digital library software also(Maldal,Sukumar,2018). Resource scale web discovery is one type of next generation discovery tool. Vufind is one of the resource discovery tool which has multi facility and it also support 25 languages. Language barrier is the vital issue of the library. So it somehow is user friendly(Barman, Debabrata & Mukhopadhyay, Parthasarathi,2018). Vifund is an open source software which replaces traditional catalogue, user can find and retrieve documents by this Vufind discovery tool. At first it is a faceted search interface. It has web 2.0 feature so library users are very happy to use this tool(Emanuel, Jennifer,2011). Vufind software is Villanova University's a big project. After many experiment of villanova university, Vufind was developed and it is regularly updated.(Kats,Demian,2016).

Using of Vufind comparison to Germany's academic institutions

After analysis of data it is find out that most of the academic institution, consortia of Germany use Vufind software. 59 institutions are using Vufind software, 40 academic institutions, 8 academic consortia & 1 museum using this software. All the institutions are using DE & EN for their primary languages. Various institutions are using various platform for their software. Libero, Allegro-C, aDIS, OCLC etc ILS for Vufind software. Most of the institutions are using version 1.3. It has 4 features, Catalog Records, Locally Cached Journals, Digital Library Items, Institutional Repositories. Vufind discover & access information in a robust. It search all library resources so save the time. So many institutions of Germany are using vufind discovery tool successfully so it is found that it is a good tool for searching information. It has so many facilities but on the other hand it has some limitations. It manipulate data only in MARC format, so in case any order of journals or periodicals depends on third party vendor. Beside some limitations this software is a very good discovery tool for searching information.

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**Technology**

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- Specialised Information Service Performing Arts (University Library Frankfurt)
- Suchkiste
- Technische Hochschule Mittelhessen
- Technische Universität Ilmenau
- Thüringer Universitäts- und Landesbibliothek Jena
- TU Bergakademie Freiberg
- Universität Hohenheim

**Country**

- DE (Germany)

**Operating Systems**

- Red Hat 7
- CentOS
- Ubuntu
- Debian
- OCLC/Pica LBS
- EBSCO
- SirsyDynamix Symphony
- Libero
- PrimoCentral bootstrap3
- Allegro-C
- aDIS
- PrimoCentral Bootstrap 3
- PrimoCentral Bootstrap
- 1.0RC2
- 2.5.4
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- belugax
-Summon

**Other Information**

- ISSN: 2231-4911
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Conclusion

In our changing environment of library, there users need one searching tool where they can search & retrieve documents within a second. Only VuFind software provide single search for the user of library. Many institutions in foreign countries are using vufind for their institutions. Many academic, public & academic consortia's are using this software for searching their database. In many respect VuFind software is best for the next generation for searching their relevant documents. VuFind interface offered many improvements over our old Webcast catalogue. Reference management can equally be processed through the application of VuFind discovery tool. The channel search facility is available through this VuFind discovery tool where a research scholar can find the ISBN. Users found VuFind’s “add to favorites” bookmarking feature to be easy to use. In all the institutions of Germany, VuFind software is using very successfully for searching purpose & it is a very useful searching tool for all types of documents search.

References

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