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R E S E A R C H   J O U R N A L

Digital library: today's need- a review

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Abstract
The library and information professionals are required to acquire such knowledge and skills as the library is one of the highly IT influenced service profession. Library and information professionals with IT skills are aimed at providing services that are expected of from the clientele in the new environment. This paper consists of digital library Advantage and disadvantages and function.   This paper also highlights on the impact of information technology on the traditional library. Significance of use of Digital Library Software's in building digital library environment and publication trends in Digital Libraries.

Keywords: Digital library, virtual library, Information technology, LISA

INTRODUCTION

Digital libraries put a world of information at your fingertips – if you could just figure out where the precise fact you want is buried in the electronic storehouse. Internet is creating new communities by changing for ever the way we work together, teach and learn, talk to each other, as well as find, use ,create and share information . In this sense a digital library is really a resource environment, accessible through ones own computer or available through computing tools in buildings in campus.

Library and information centers are providing numerous types of information resources and services. Information content and services are changing with the passage of time. The global network internet has brought forth new dimension to libraries of modern digital world. In order to keep pace with the cyberspace librarians are to be furnished libraries with latest version of sophisticated technology.

In this new library digital networking and communication infrastructure provides a global platform over which the people and organization devise strategies, interact, communicate, collaborate and search for information.   This platform includes, a vast array of digitizable products that is databases, news and information, books, magazines, TV and radio programming, movies, electronic games, musical CDs and software which are delivered over the digital infrastructure   any time, anywhere in the world. There are many definitions of a "digital library." Terms such as "electronic library" and "virtual library" are often used synonymously. The elements that have been identified as common to these definitions are: Digital Library is a "Collection of digital object (text, video and audio) along with method for access and retrieval, [as far as users are concerned] and also for selection, organization, and maintenance [1]. The digital library is not merely equivalent to a digitized collection with information management tools.   It is also a series of activities that brings together collections, services and people in support of the full

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life cycle of creation, dissemination, use and presentation of date, information and knowledge.

FIVE LAWS OF LIBRARY SCIENCE WITH DIGITAL LIBRARY

Ranganathan, (1999) [2] uses his five law to drive the classification and management of printed information. He started the classic five laws of library science as a sprit behind architecting and managing the libraries. We shall attempt to arrive at frameworks and structures that will help as build future digital information systems. The same five laws of library science may be rephrased as given below with somewhat different relative emphasis to guide us in architecting managing digital information systems of the 21st century

1) Digital resources are for use
2) Every user seeks digital resource
3) Every digital resources needs it's user
4) Save the time of the user
5) Digital library is a growing organism worldwide.

FUNCTIONS OF DIGITAL LIBRARY

The following are some of the function of digital library

1. To provide friendly interface to users.

2. To avail network facilities.

3. To support library functions.

4. To enhance advanced search, access and retrieval of information.

5. To improve the library operations.

6. To enable one to perform searches that is not practical manually

7. To protect owners of information

8. To preserve unique collection through digitization
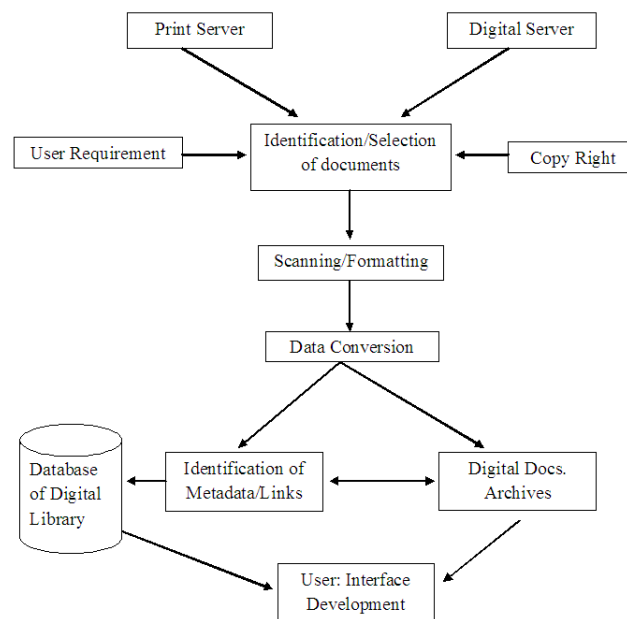
DIGITAL LIBRARY DESIGN- STEP

Designing a digital library is not an all of a sudden process, but it involves various processes :

Kesavan (2006) [3]

ADVANTAGE OF DIGITAL LIBRARY

Digital library has certain characteristics, which make them different from traditional library. It has expansive and accurate system of searching with large volumes of text, image and audio-video resources. Digital libraries do not need physical space to build collection and it can be accessed from anywhere, any time. The user can get his/ her information on his own computer screen by using the Internet. Actually it is a network of multimedia system, which provides fingertip access.

The following are some of the major advantages of digital libraries (Chore and   Salwe, 2010) [4].

- Preserve the valuable documents, rare and special collections of libraries, archives and museums.
- Protected information source.
- Facility for the downloading and printing.
- Provide faster access to the holding of libraries world wide through automated better catalogues.
- Help to locate both physical and digitized versions of scholarly articles and books through single interface.
- Search optimization, simultaneous searches of the Internet make possible, preparing commercial databases and library collections.
- The user can peruse them instantly .
- Cross references to other documents.
- Making short the chain from author to user.
- Save preparation/ conservation cost, space and money.
- Digital technology affords multiple, simultaneous user from a single original which are   not possible for materials stored in any other forms

- Full text search

DISADVANTAGE OF DIGITAL LIBRARY

New technology has brought many advantages but simultaneously it also has certain disadvantage

- Costly affair
- Technology obsolescence (Hardware & Software)
- Storage media relate
- Dominance of data creators and publishers
- Trained manpower
- User education and training
- Security against hacking & sabotage

CONCLUSION

This paper attempts to give some idea for beginners in digital library . Even though wide range of technology/products arc available, it is necessary for librarians to keep a watch on the developments and to choose appropriate technology depending on the needs. Also, it is very important for librarians to interact with computer professionals as the Digital library at all levels needs good co-ordination among both these professionals.

- Every library has implement another best for modernization

- Information technology has changed the world and has become on important tool for retrieving information new a days. Library collections are not limited to printed documents only but also electronic resources increases by their use and therefore it is important to develop digital

library .

REFFERENCE

[1] Whitten, Ian H., David Bainbridge, and Stefan J. Boddie. (2001). Greenstone: Open-Source digital library Software.. *D-Lib Magazine,* 7(10).

[2] Ranganathan, S.R. (1999). Five Laws of Library Science. *Sarada Ranganathan Endowment Publications.*

[3] Kesavan, G.D. (2006). System Architectures, Integration and Interoperability" *Proceeding on National conference on digital libraries from technology to culture,* pp.14.

[4] Chore, N.V. and Salwe, S.M. (2010). Library Sources and Service In Digital Environment. *Proceeding of state level seminar on role of information technology in library, Karad* (8-9 April 2010)