Future of Digital Library

DR. CHETANA SHAH

Librarian,

Dr. Babasaheb Ambedkar Open University, Ahmedabad

Gujarat (India)

Abstract:
Digital Library are already available 24/7 from anywhere in the world and flexible for all. Digital library has been making their roots in the Library profession as a separate discipline. Digital Library may be understood in different way. Digital libraries can be justified by their benefits and advantage as compared with tradition library as timely and wild availability of up-to-date, high-quality and multimedia resources which help to remove physical and conceptual buries, Digital Technology, allowing the building of advantage of innovative services.

Keywords: *Digital Features, Digital Library, Digital repository, Digital Software, Future trend in Digital Libraries*

1. Introduction

Information Technology has played an important role in Library and Information Science. Due to the Development in information Technology, now it is possible for Library to provide several new services to the library users along with Traditional Services. Digital Libraries are already available 24/7 from anywhere in the world and Flexible for all. Library able to provide information imprint from as well as in digital form. Digital Library has been roots in the Library profession as a separate discipline and many work shop, seminar in conformance are discussion and tucking place in the area of digital Library. So many topic are covered in conference as organization and collection development, users Study, digital Architecture, digital Library software, value added services to and users. Digital library is having the benefits of improved control and plasticity is not only improved data quality but also more freedom and reduced bureaucracy for indusial users.

2. What is Digital Library?

A digital Library may be understood in different ways Choudhry and chowdury Digital Library Terms such as Library without walls, Virtual Library, Electronic Library, Hybrid Library, Gateway Library are used.
1. Most, if not all Library will progress steadily to a "Fully digital state overtime."
2. Digital objects are created or collected according to the principle of collection development.

According to Deegan, M. and Tanner, 5.(2002), definition of a digital library is
1. A digital library is a managed collection of digital objects.
2. Digital Library Foundation defined digital library(1998) as -Digital libraries are organizations that provide the resources, including the specialized staff, to select, structure, offer intellectual access to, interpret, distribute, preserve the integrity of, and ensure the persistence over time of collections of digital works so that they are readily and economically available for use by a defined community or set of communities‖ This definition revolves three key components, which constitute the theoretical framework of digital libraries such as: people, information resources and technology
3. Leask (1997 is a collection of information which is both digitized and organized.)

Digital Libraries as contents collected on behalf of user communities, while librarians focused on digital libraries as instructions or services many new initiatives came through the research sponsored by the US National Science Foundation (NSF) and U.K. Joint information system committee (JISC). During the past decade thousands of digital libraries in variety of forms were built globally and are functioning operationally, with more to come. Hundreds of research. A fully developed digital library environment involves the following elements.

1. Storage of digital content and metadata in an appropriate multimedia repository.
2. The extraction or creation of metadata to assist in object viewing. Management and Presentation.
3. Initial conversion of content from physical to digital form.
4. Patron access through a browser or dedicated client.
5. Content delivery via file transfer or streaming media.
6. Client services for the browser, including repository querying and workflow.

3. Why Digital library

1. The Digital library bring the library to the users
2. Information can be shared
3. Information is always available
4. Computer power is used for searching, and browsing
5. It is easier to keep information current

4. Features of Digital Libraries

Digital library is a special library with a focused collection of digital objects that can include text, visual material, audio material, video material, stored as electronic media formats. Digital libraries possess huge collection of digital information having high value, high material quality, catalogued material, accurate origin, date and other external deceptive information.

Different features of any digital library is that it provide different services such as browsing & searching, Translation, Efficient Retrieval Functionality, Altering services, High services, High performance document servers, Document delivery, Data Dissemination, Intelligent user agents, Classification, user access model, publishing, etc.

Digital libraries possess certain qualities like they provide up-to-date, timely, high quality multimedia, Which removes physical and conceptual barriers? They create rich virtual space by network connectivity and interactive technologies. They provide advance and innovative services.

They Provides following common browse and retrieval features like field specific search, proximity like field specific search, wild card, limit field searches, range searching , Boolean operators, Phrase specific, subject search and steaming, density of term, frequency of terms reference links, Persistent links , etc. On this basis user can search options and can conduct search on various fields.

5. Future Trends in Digital Libraries

Exiting digital repository services are in an evolving stage, according to an survey there are more than 900 repositories open access running. There are many open source software which are helpful in creating open access repositories. As a result of which many more libraries will join in creating institutional repositories or digital libraries or digital repositories. So, there will be many digital repositories in near future.

Open access to information, vast content collection will be available with open source software tools and new method will be initiated of digital preservation. There is various software which are used for creating digital libraries, used by users. It is important to know the requirements of different class of user, and for that evaluation of various software's used for creating digital libraries is necessary. The software should be studied on the basis of that for which user community it is developed, how it is

useful to users, how it can be improved to further help users to retrieve information effectively. Not only user based evaluation but other evaluation of digital library system on the basis of their performance, information retrieval techniques & underlying technology used. The most difficult issue in digital library is evaluation which is to be concluded from the above stated points.

With increasing technology in the world, it is also important for librarians to learn and adopt new technologies and help the end users to use and make them available their valuable collection by the means of internet through digital library. As the technology keeps on improving new technologies comes into existence, leading to technical and operational challenges for libraries, digital library, archives and museums. For which they have to migrate to new technologies   now and then.

So, librarians should learn and adopt new changes in the technology and understand their feature so that best software can be selected from all the available software. This will lead to improve performance and effectiveness of all those repositories in future and many new features can be added to the software.

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