

DIGITAL LIBRARY

*Ms. Seema Verma

Abstract

We are in the age of a networking society where It in addition to its use in all spheres of human activity has been used extensively to records; each and every Library is slowly getting digitized. In the past few years procedures for digitalizing books at high speed and comparatively low cost have improved considerably with the result that it is now possible to digitized million of books per year. This article will discuss the factors that will necessitate those traditional libraries to get digitized as well as the introduction, and its advantages of digital Libraries the fields of digital libraries will be limited if viewed only as a field of prior research interest to realize its full potential, the fields must be viewed as a union of sub field from a variety of domains combined with additional goal.

Keywords: Digital Library

Introduction:--

A digital Library is a part of computerization , digital library is managed collection of information with associated services where the information with associated services where the information is stored in digital format and accessible over a network , digital libraries are very different from traditional libraries yet , is other they are remarkable similar people do not change because new technology is invented they still create information n that has to be organized, stored and distributed, they still need to find information that other have created and use it for study , reference or entertainment. Digital Library are being created today for diverse communities and in different fields education, science culture health etc.. Library automation has helped to provide easy access from any collection; different library is a collection of digital documents like, Book, Journals, images, maps, video and audio with methods of access and retrieval. Digital library have received wide attention in the recent years allowing access to digital information from anywhere across the world. In the past few years procedures doe digitalizing of books at high speed and comparatively low cost have important considerably with the result that it is now possible to digitize million of books per year. Digital libraries mean different things to different people. A digital library would maintain a major part to its collection in computer; a digital library has a strong presence on the internet with a page for library providing on internet with a page for library providing on the internet with a page for library providing an integrated access interface.

What is digital Library:--

Digital library is the part of computerization library, digitalization means: there we can find the information through computer in digital form. Digital library is a, global virtual library of thousand of networked electronics libraries.

A digital library is a collection of digital objects a collection of research papers is a typical example. When this collection get significant large user of digital cannot examine each paper individually to find if its subject interest library cannot examine each paper individually to find if is subject interest them, to address this problem. Digital libraries create an interface to stand between the content of the collection and the user. On CD ROM , the amount of date limited hundred megabytes per disk, but access is generally much faster than on an internet connection, serial CD ROM can be combined in a set and because the disk are small a large libraries can physical space.

According to arms a digital library is a managed collection of information with associated services where the information is stored in digital format and accessible over a network.

The digital Library is

The collection of services

And the collection of information objects

That support users in dealing with information objects

And the organization and presentation of there objects

Available directly or indirectly

Definition

An informal definition of a digital library is a managed collection of information, with associated services, where the information is stored digital formats and accessible over a network. Digital libraries are very different from traditional libraries yet, is other they are remarkable similar people do not change because new technology is invented they still create information on that has to be organized, stored and distributed , they still need to find information that others have created and use it for study, reference or entertainment.

A crucial part of this definition is that the information is managed. A stream of data sent to earth from a satellite is not a library. The same data, when organized systematically become a digital library collection. A digital library is a special library with focused collection of digital objects that can include text, visual materials, audio materials, video materials stored,

an electronic media format along with means for organizing storing and retrieving the files and media contain in the library collections.

Digital Library awareness

70 percent of students know of digital resources, but only 68 percent of them actually used then, 62 present were aware offline database, whereas only about 19 percent used them thought the central Library LAN Network. About 70 percent know of online database, accessible via the central Library site and about 53 percent of respondent have used than. A total 87 present of students felt that the ,CLBJ database, while over half of them made use of it, in total 87 percent student felt that the available data resources not their information needs. Students had less use of offline database, attributed to factor such as infrequent periodic, orientation and lack of education on use of offline, database and fewer terminals connected to the server in the central Library. User is faced with many problems like speed connectivity and shortage of hardware facilities.

Advantages

A digital is not limited to a particular location or so called building it virtually circulated all over the world. The advantages of digital libraries as a means of easily and rapidly accessing books, archives and images of various types are now widely recognized by commercial interest and public bodies alike. Traditional libraries are limited storages space; digital libraries have the potential to store much more information the use can get her information on his own computer screen by using the internet. The unprecedented of activities in digital library can be attributed.

The digital library offers major and value addition to library services improved information retrieval and enhanced document delivery of digital libraries. Digital library systems can be accessed simultaneously. Libraries have marched hand in hand modified and adopted themselves , when any new technology has evolved paving way for electronic libraries, networking libraries, digital libraries, virtual libraries etc.

No Physical boundary

The users of a digital library need not to go to the library physically; people from all over the world could gain access to the same information, as long as internet connection is available

Round the clock availability

Digital libraries are can be accessed at any time 24 hours' a day and 365 days of the year.

Multiple Access

The same resources can be used at the same time by a number of users

No Time Boundary

Traditional libraries maintain the time table but digital library provide the information an time, users can access any time with any information in across the world.

Structured approach

Digital library provides access to much richer content in a more structured manner.i.e we can easily move from the catalog to the particular book than to a particular chapter and soon

Information Retrieval

Information retrieval from a computer, digital libraries provide very user friendly, interfaces then giving click able access to its resources, search can be based on metadata and full-text and different content based indexing.

Preservation and conservation

Digital libraries are preserved for many types' data. A exact copy of the original can be made any number of times without and dig rate in quality.

Easily Accessible

Others.

---- Help inter library loan

---- Digital library need not be dependent on each user having a particular type of computer or even a computer at all.

---- Help to search information to their users at faster rate through online communication.

---- It saves the library times and manpower or funds

---- Help in resources sharing facilities.

Conclusion

Digital libraries will replace the physical existence of documents completely but no doubt to meet the present demand, to satisfy the non local user digitization must introduce so that at least libraries become of hybrid. Day by day the cost of digitized is decreasing, online publication automated increasing .Digital India week in being celebrated across the nation

these days, digital India is an ambitious program of the GOI to make India a digital country, digitalization consolidates the security systems of a library and makes its study materials available to a large number of users GOI said.

The digital libraries are multiple library, digital library are area of research and education for information communication technology, computer science, and library science.

Reference

- 1) Use of multiple digital Libraries:-A case study
- 2) Arms , William Y., Digital Libraries' ,Cambridge, M.A. The MIT press.2000
- 3) www.unclib.ucl.ac.uk/annb/docs/abhsnbkLCDL.pdf.
- 4) https://en.wikipedia.org/wiki/Digital_library.