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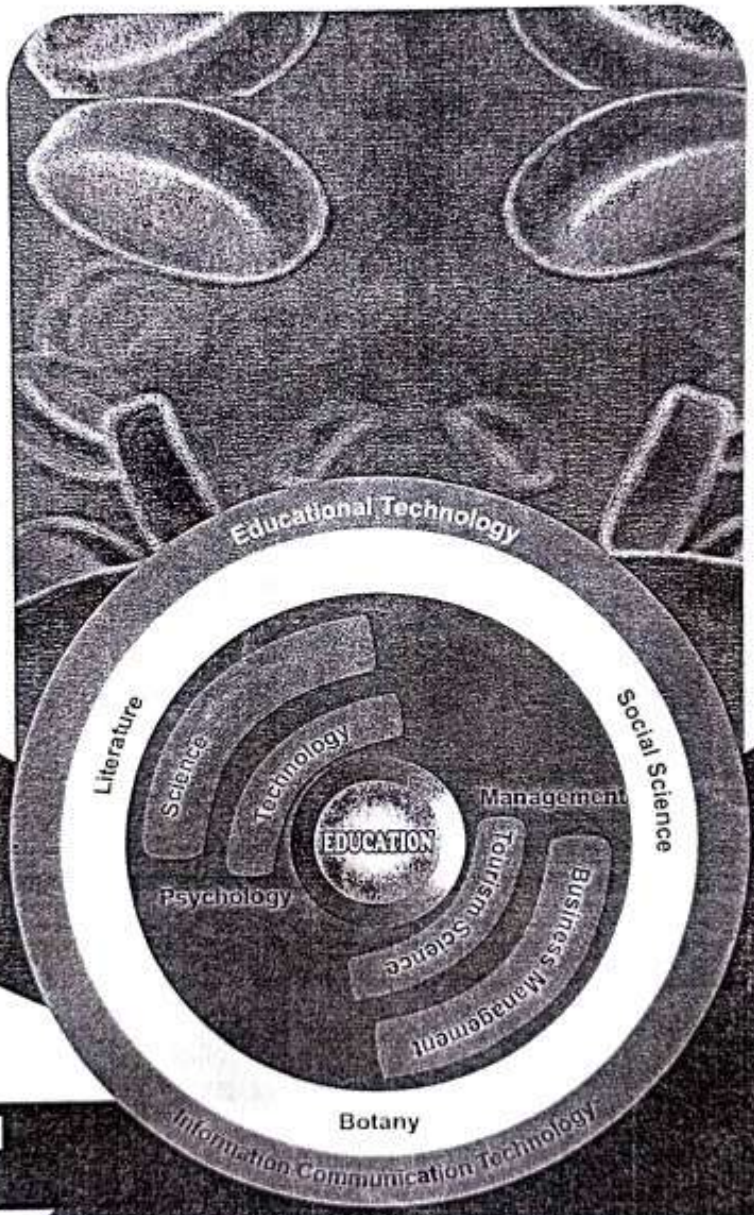

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LIBRARY SERVICES USING OPEN-SOURCE SOFTWARES

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Abstract

In this paper discuss and throw light on concept of use of open source software because the impact of ICT and his development change the educational scenario.Now a days many open source software applications are available for library and information management, the organization have an option to acquire and implement such kind application. Today library promote the global use of digital information through interface and satellite and provide the information to user but at the same time library face so many problems. It also discuss the reasons to use open source software, advantages and disadvantages. All library professionals must be aware about the advantages of OS software and use it in their library for the sake of users on a large scale. Each and every library professional must have at least basic knowledge of maintenance, selection and installation. This paper discuss the definition, feature and software of open source library management.

Keyword:*Open Source Software,Koha, NewGenLib , Evergreen, e-Granthalaya, Greenstone, DSpace, Fedora, Wordpress, Drupal, Ubuntu, Open Office ,Firefox, PDF Creator*

Introduction

Open-source software (OSS) is a type of computer software with its source code made available with a license in which the copyright holder provides the rights to study, change, and distribute the software to anyone and for any purpose. Open-source software may be developed in a collaborative public manner. According to scientists who studied it, open-source software is a prominent example of open collaboration. The term is often written without a hyphen as "open source software".

Open-source software development, or collaborative development from multiple independent sources, generates an increasingly more diverse scope of design perspective than any one company is capable of developing and sustaining long term. A 2008 report by the Standish Group states that adoption of open-source software models has resulted in savings of about $60 billion (£48 billion) per year to consumers.

History

In the early days of computing, programmers and developers shared software in order to learn from each other and evolve the field of computing. Eventually the open source notion moved to the way side of commercialization of software in the years 1970-1980. However, academics still often developed software collaboratively, for example Donald Knuth in 1979 with the TeX typesetting system or Richard Stallman in 1983 with the GNU operating system. In 1997, Eric Raymond published *The Cathedral and the Bazaar*, a reflective analysis of the hacker community and free software principles. The paper received significant attention in early 1998, and was one factor in motivating Netscape Communications Corporation to release their popular Netscape Communicator Internet suite as free software. This source code subsequently became the basis behind SeaMonkey, Mozilla Firefox, Thunderbird and KompoZer. The free software movement was launched in 1983. In 1998, a group of individuals advocated that the term free software should be replaced by open-source software (OSS) as an expression which is less ambiguous and more comfortable for the corporate world. Software developers may want to publish their software with an open-source license, so that anybody may also develop the same software or understand its internal functioning. With open-source software. The Free Software Foundation (FSF), started in 1985, intended the word "free" to mean *freedom to distribute* (or "free as in free speech") and not *freedom from cost* (or "free as in free beer"). Since a great deal of free software already was (and still is) free of charge, such free software became associated with zero cost, which seemed anti-commercial. The Open Source Initiative (OSI) was formed in February 1998 by Eric Raymond and Bruce Perens. With at least 20 years of evidence from case histories of closed software

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