

Power point Slide for Graduates of SOS in LIS

Topic: Open source software

For B.Lib. I.Sc. (Second Semester)

Course Code: BLIS- 202

Course Title: Information Technology:Basics(Theory)

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What is Open Source Software?



software

Software, computer का वह भाग होता है जिसको हम केवल देख सकते हैं और उस पर कार्य कर सकते हैं।

software का निर्माण computer पर कार्य करने को सरल बनाने के लिए किया जाता है ,आजकल काम के हिसाब से software का निर्माण किया जाता है, जैसा काम वैसा software .

users की आवश्यकता को ध्यान में रख कर software programmers द्वारा तैयार कराए जाते हैं , इनमे से कुछ तो फ्री में उपलब्ध होते हैं तथा कुछ के लिए चार्ज देना पड़ता है ।

WHAT IS THE OPEN SOURCE

वह software जो निशुल्क उपलब्ध होते हैं ,free software के लिए पैसा नहीं लिया जाता है । सन 1997 में free software में उत्साही लोगों ने सैन फ्रांसिस्को में एक मीटिंग की तथा open source initiative (OSI) नाम की सार्वजनिक कॉरपोरेशन बनायी ।

किन्तु free software को लोग अनुपयोग न समझें इसके लिए 10 मार्गदर्शक सिद्धांत बनाये गए ,जिसमें 3 मुख्य हैं।

1. Software का source प्रकाशित होना चाहिए |
2. Software के लिए कोई रॉयल्टी नहीं ली जा सकती।
3. Source code को संशोधित करने की सभी को स्वतंत्रता है |

OPEN SOURCE SOFTWARE

Open source software वे software होते हैं जो कि सभी के लिए free रहते हैं। अतः इन पर कोई भी शुल्क नहीं लगता।

जैसा की इसके नाम से प्रतीत होता है ओपन यानी खुला हुआ, जो की सभी के लिए free में खुले रहते हैं ।

open source
software को free में download कर सकते
हैं और उनको free में use कर सकते हैं।

जैसे mozilla firefox इसे free में download
कर सकते हैं और free में use कर सकते
हैं।

कई open source software के source code भी मिल जाते हैं।

source code वे code होते हैं जो कि software को बनाने में use होते हैं , कोई भी source code जब बनता है तो उसकी coding होती है फिर उसे कम्पाइल करके software का रूप दिया जाता है।

DEFINATION OF OPEN SOURCE SOFTWARE

वह software जो free में download और use होते हैं , अतः जिनके लिए कोई शुल्क नहीं देना पड़ता है open source software कहलाते हैं ।

ये software सभी के लिए free होते हैं अतः कोई भी व्यक्ति इसका उपयोग आसानी से कर सकता है ।

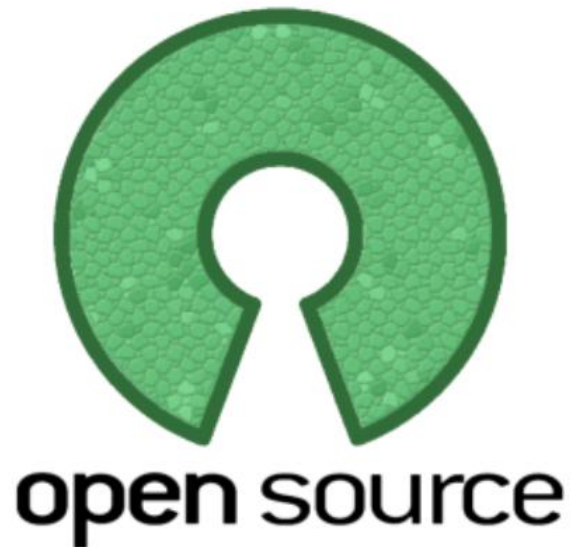
परन्तु इसके लिए users के पास उस software का source code होना चाहिए जिससे वह उसमें आवश्यकता के अनुसार परिवर्तन कर सकता है ।



iconscout.com



open source logo



Advantages of Open Source Software's

- **Lower software costs.**
- **Simplified license management.**
- **Lower hardware costs.**
- **Escape vendor lock-in.**
- **Quality software.**

Disadvantages of Open Source Software's

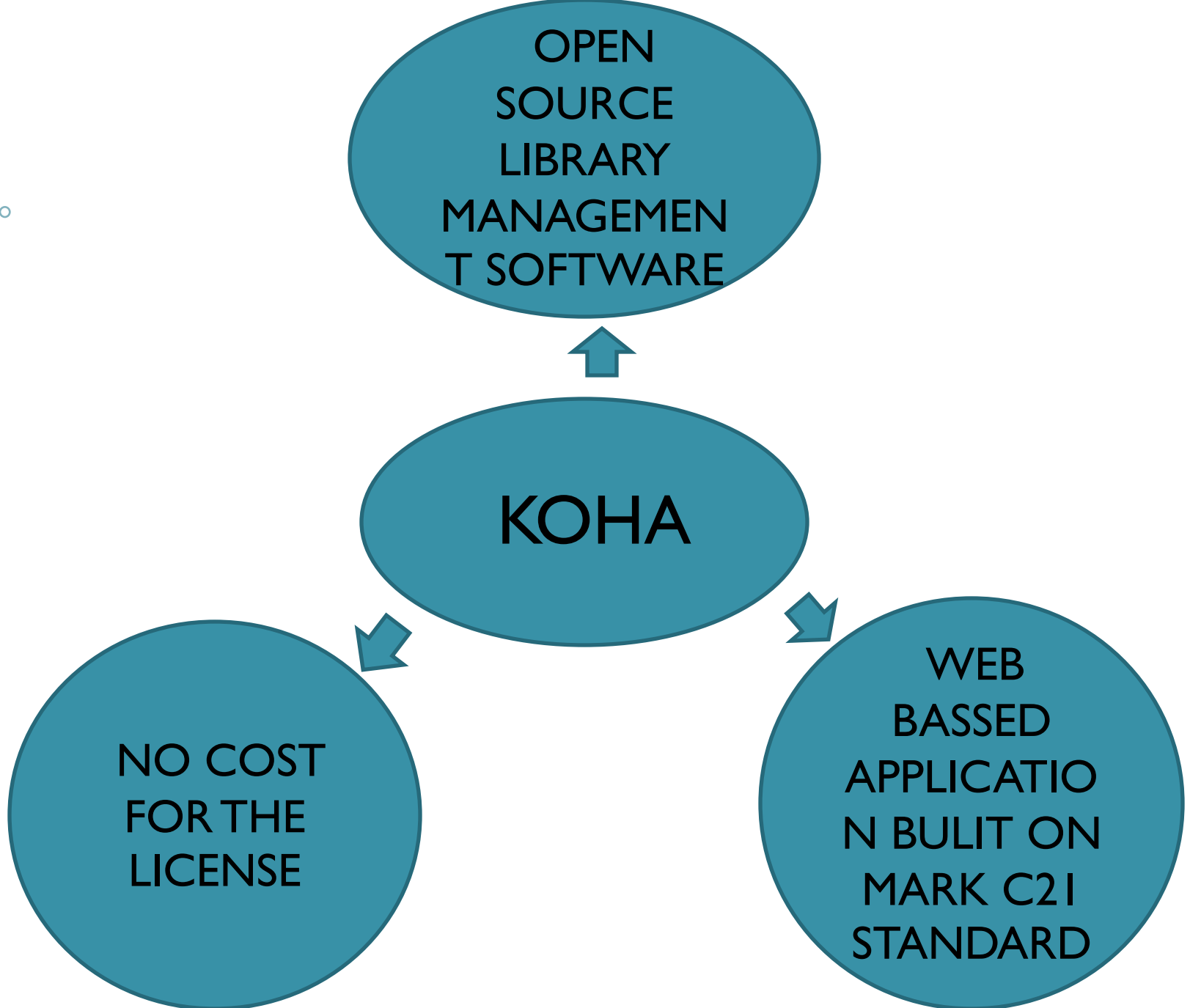
- Many libraries do not have the in-house expertise to support open source software. Some libraries don't have the ability to train staff on the use of the new technologies.
- The support we got for these software's are generally available through it's communities.
- Although the open source software is mostly free, but hidden cost may applied on external support.

TYPES OF OPEN SOURCE SOFTWARE

1. KOHA
2. EVERGREEN
3. D- SPACE
4. E- PRINT
5. AVANTI
6. FEDORA



- Koha was released in Jan 2000 by Katipo Communications, New Zealand.
- Its first version Koha 1.00 was put for download on internet on 21st July, 2000.
- Koha 16.05.26 released on 26 May 2016 with a major change in its version name.
- Its latest version is 16.11.07.
- It support MARC21, Z39.50 and most of the library in-house operations.
- Latest concept is LibLime Koha which is totally web based.





libstreet.bywaterinnovations.com

Circulation Patrons Search Catalog Home Search Branch | Set library | Update | (Log out) | (?)

koha Enter patron card number or patron name

Check out Check in Search patrons Search the catalog

Home

News

Welcome to Koha

Welcome to Koha. Koha is a full-featured open-source ILS. Developed initially in New Zealand by Katipo Communications Ltd and first deployed in January of 2001 to Horowhenua Library Trust, Koha is currently maintained by a team of software providers and library technology staff from around the globe.

Posted on 11/22/2010 10:01:00 AM

What's Next?

Now that you've installed Koha, what's next? Here are some suggestions:

- Read Koha Documentation
- Contribute to the Koha Wiki
- Find and Contribute to Discussions
- Follow Koha Blogs

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Tools

EVERGREEN™

- Evergreen was released in September 2006 and it is developed by Georgia Public Library Service and the Evergreen Community.
- It is a Integrated Library Management System.
- It includes all the in-house operations of the library and support OPAC, Z39.50 compliant.
- Its latest version is 2.12.0 and released on 22 March, 2017.

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The jasmine moon murder	Childs, Laura	05/15/2013	05/30/2013	(fines accruing)	\$5.00	<input checked="" type="checkbox"/>



- It was originally developed by MIT and HP Labs but recently is developed by DuraSpace.
- The first public version of Dspace was released in November 2002.
- Its latest stable version is 6.0 and released on 24 October 2016.
- It is a Content Management Software.
- It can manage and preserve all format of digital content (PDF, Word, JPEG, MPEG, audio, video files etc.)
- It is completely customizable according to user needs.



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