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Research Article

OPEN SOURCE SOFTWARE (OSS): FUTURE WORLD PERSPECTIVE

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ARTICLE INFO	ABSTRACT
<p>Received 20th April, 2016 Received in revised form 19th May, 2016 Accepted 15th June, 2016 Published online 20th July, 2016</p> <p>Keywords: OSS, OTS, Software and Tools.</p>	<p>Open Source Software is the solution of the way to develop and license computer software, but also an attitude. Future all the aspects of life " the open source means" means expressing a willingness to share, collaborating with others in ways that are transparent, embracing failure as a means of improving, and expecting, even encouraging, everyone else to do the same. It resources commit to playing an active role in humanizing the world, which is possible only when everyone has access to the way that world is designed.</p>

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INTRODUCTION

Open Source Software(OSS)

It is a software whose source code is available for modification or enhancement by anyone. Open source software (OSS) now has a permanent role in the enterprise IT world. Example: Libre Office. Other types of Software: This type of software the source code cannot be customized by anyone but the person, team or organization who created it and maintains select control over it. This type of software is commonly called "proprietary software" or "closed source" software, because its source code is the assets of its original authors, who are the only ones legally allowed to copy or modify it. Example: Microsoft Word. The following many reasons, tools, tips, plans and technologies are used for the purpose of open source software.

OSS Features

Better Quality Code 80% of open source software users choose to do so based on quality.

Rapid Innovation 50% of production managers get occupied in open source because it allows them to innovate.

Security 72% of users choose open source because of security.

Community 83% of software developers say they benefit personally from mutual development through introduction to new tools and development practices.

Freedom 95% of users says that open source in their Service Defined Networking solutions represents greater choice, more functionality and interoperability and lower costs.

Adaptability 63% of technical startups fail within 4 years, open source is not tied to any one individual vendor.

Choice There are over one million OS projects with ten million people contributing over hundred billion lines of code.

Interoperability Decide the right solution do not get locked into a single solution.

Maximize Return on Spend 68% of users find that open source improves efficiency and lower costs. It consists of front and is easier to scale over time.



Figure 1 Reasons for using Open Source Software.

The Table.1 represents the various more than fifty important Open Source Software is replacements for really expensive software or proprietary software and commercial applications in major areas.

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Table 1 Represents the OSS replacements the various other Software

S.No	Category	Open Source Software (OSS)	Other types of Software (OTS)
1.	Accounting	TurboCASH, Phreebooks Jaspersoft Pentaho	Quick Books Pro & Sage Peachtree Complete Accounting 2011 Oracle Business Intelligence Standard
2.	Business Intelligence	Palo BI Suite JMagallanes OpenReports ProcessMaker	SAP Crystal Reports DBxtra Oracle Business Process Analysis Suite
3.	Business Process Management		AutoCAD Archimedes ACT!
4.	CAD	BRL-CAD	
5.	Customer Relationship Management	Sugar Community Edition	
6.	Database	MySQL Firebird Kexi	Microsoft SQL Server Standard
7.	Desktop Publishing	Scribus	InDesign CS5 QuarkXPress
8.	E-mail/ Collaboration/Groupware	Zimbra	Microsoft Exchange Server Enterprise
9.	Enterprise Resource Planning (ERP)	Open ERP Openbravo ADempiere	Microsoft Dynamics
10.	Gateway Security Appliances	Endian Firewall Community & Untangle	Check Point Security Gateways McAfee SonicWall
11.	Graphics/Drawing	Dia Gimp Inkscape Paint.Net Open Office.org	Visio Professional Photoshop CS5 Illustrator, CorelDraw Photoshop
12.	Office Productivity	KOffice NeoOffice Oracle Open Office	Microsoft Office
13.	Operating System	Red Hat SUSE Ubuntu Debian	Windows 7 Professional
14.	PDF Tools	PDFCreator	Adobe Acrobat Standard
15.	Point of Sale	Openbravo POS & Lemon POS	Quick Books Point of Sale Basic & Accu POS
16.	Project Management	Open Proj GanttProject	Microsoft Project Professional Primavera P6 Professional Project Management
17.	Speech Recognition	Simon Blender Cinelerra	Dragon Naturally Speaking Premium AutoDesk Maya
18.	Video Tools	OpenShot Video Editor Kdenlive CineFX Avidemux Kompozer	Adobe Premiere Pro CS5
19.	Web Application Tools	NVU Bluefish Sea Monkey	Adobe Dreamweaver Microsoft Expression Web

CONCLUSION

A lot of people prefer open source software since they have more control over that kind of software. Users who are not willing to programmers also benefit from open source software, for the reason that they know how to use this software for any purpose they wish not simply the way somebody else think they should. Others like open source software as it help them develop into better programmers. Because open source code is publicly accessible, students be capable of learn to make better software by understanding the others have written. They can also contribute to their work with others, tempting comment and critique. We like to say that we're interested in the ways open source can be applied to the world *ahead of software*. We like to imagine of open source as not only a way to develop and license computer software, but

besides an *attitude*. Forthcoming all aspect of life " the open source technique" means express a willingness to share, collaborate with others in ways that are obvious. The open-source knowledge will be included in 85% of all profitable software packages by 2015 and 95% of majority IT organizations will leverage some element of OSS.

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