



“वेदी षडशो, वेदी षडशो”

JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR

Government of Rajasthan established

Through ACT No. 17 of 2008 as per UGC ACT 1956

NAAC Accredited University

Faculty of Education and Methodology

Faculty Name- JV'n Narendra Kumar Chahar

Program- B.Tech (CSE)- VII Sem

Course- Open Source Technology

Session –Close source Software v/s Open Source software

Academic Day starts with –

Greeting with saying ‘Namaste’ by joining Hands together following by 2-3 Minutes Happy session, Celebrating birthday of any student of respective class and National Anthem

Lecture Starts with-

Topic to be discussed today- Today I will discuss about Close source Software v/s Open Source software

The open source software is available free and the closed source software comes with a cost because they have some additional configurations and features i.e. support or warranty.

There are various differences between close source software and open source software in context of factors:

Factors	Open source	Closed source
Price	Available for nominal or zero licensing and usage charges.	Cost varies based upon the scale of the software.
Freedom to customize	Completely customizable but it depends on the open source license. Requires in-house expertise.	Change requests must be made to the company selling the software. This includes bug fixes, features, and enhancements.
User-friendliness	Typically less user-friendly, but it can depend on the goals of the project and those maintaining it.	Typically more user-friendly. As a for-profit product, adoptability and user experience are often key considerations.

After-sales support	Some very popular pieces of open source software (e.g., OSS distributed by Red Hat or SUSE) have plenty of support. Otherwise, users can find help through user forums and mailing lists.	Dedicated support teams are in place. The level of service available depends on the service-level agreement (SLA).
Security	Source code is open for review by anyone and everyone. There is a widespread theory that more eyes on the code makes it harder for bugs to survive. However, security bugs and flaws may still exist and pose significant risk.	The company distributing the software (i.e., software owner) guarantees a certain level of support, depending on the terms of the SLA. Because the source code is closed for review, there can be security issues. If issues are found, the software distributor is responsible for fixing them.
Stability	This will depend on the current user base, the parties maintaining the software, and the number of years in the market.	Older, market-based solutions are more stable. New products have similar challenges as open source products. If a distributor discontinues an application, the customer may be out of luck.
Popularity	Some open source solutions are very popular and are even market leaders (e.g., Linux, Apache).	In some industries, proprietary software is more popular, especially if it has been in the market for many years.
Community participation	The community participating in development, review, critique, and enhancement of the software is the essence of open source.	Closed community.
Interoperability with other open source software	This will depend on the level of maintenance and goals of the group, but it is typically better than closed source software.	This will depend on the development standards.
Enhancements or new features	Can be developed by the user if needed.	Request must be made to the software owner.
Suitability for production environment	OSS might not be technically well-designed or tested in a large-scale production environment.	Most proprietary software goes through multiple rounds of testing. However, things can still go wrong when deployed in a production environment.
Financial institution considerations	The financial industry tends to avoid open source solutions. If used, a vetting process must take place.	Financial institutions prefer proprietary software.

Warranty	No warranty available.	Best for companies with security policies requiring a warranty and liability indemnity.
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Academic Day ends with- National song' VandeMataram'