

ADITYA SINGH

93

IT TOOLS

BASIC UNDERSTANDING ON FREE AND OPEN SOURCE SOFTWARE

Describe Open source software with example.

The screenshot shows a mobile interface for a Blogger account. At the top, the status bar displays the time as 6:44 PM, along with icons for VoWiFi, signal strength, and battery level at 34%. Below the status bar is a navigation bar with a home icon, a lock icon, the URL 'blogger.com/blog/post/', a calendar icon showing '23', and a menu icon. The main content area shows a draft post titled 'Basic understanding on free and open source Software'. The post content reads: 'Describe Open source Software with example . Open source software (OSS) is software that is distributed with its source code, making it available for use, modification, and distribution with its original rights. Source code is the part of software that most computer users don't ever see; it's the code computer programmers manipulate to control how a program or application behaves. Prime examples of open-source products are the Apache HTTP Server, the e-commerce platform internet browsers Mozilla Firefox and Chromium.' The right sidebar contains 'Post settings' with sections for 'Labels' (expanded), 'Published on' (2/2/22 6:18 PM), 'Permalink', 'Location', and 'Options'. At the bottom right, the filename 'n_10.html' is visible.



Basic Understanding on free and open source software



Basic understanding on free and open source Software



February 02, 2022

Describe Open source Software with example .

Open source software (OSS) is software that is distributed with its source code, making it available for use, modification, and distribution with its original rights. Source code is the part of software that most computer users don't ever see; it's the code computer programmers manipulate to control how a program or application behaves.

Prime examples of open-source products are the Apache HTTP Server, the e-commerce platform internet browsers Mozilla Firefox and Chromium.

Describe Free Software with example

The screenshot shows a mobile interface for a Blogger blog. At the top, the status bar displays the time as 6:43 PM, along with icons for VoWiFi, signal strength, and a battery level of 34%. Below the status bar is a navigation bar with a home icon, a lock icon, the URL 'blogger.com/blog/post/', a tab indicator showing '23', and a menu icon. The main content area features a back arrow, the Blogger logo, and a search icon. The post title is 'Basic understanding on free and open source software'. Below the title is a rich text editor with various formatting options. The post content consists of two paragraphs: 'Describe free software with example. Free software is software that can be freely used, modified, and redistributed with only one restriction: any redistributed version of the software must be distributed with the original terms of free use, modification, and distribution' and 'Some of the best-known examples include the **Linux kernel**, the BSD and Linux operating systems, the GNU Compiler Collection and C library; the MySQL relational database; the Apache web server; and the Send mail transport agent.' On the right side, there is a 'Post settings' panel with options for 'Preview', 'Update', 'Labels', 'Separate labels by commas', 'Published on' (2/2/22 6:22 PM), 'Permalink', 'Location', and 'Options'.

6:43 PM

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Basic understanding on free and open source software

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Labels

Separate labels by commas

No matching suggestions

Published on 2/2/22 6:22 PM

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Location

Options

Describe free software with example.

Free software is software that can be freely used, modified, and redistributed with only one restriction: any redistributed version of the software must be distributed with the original terms of free use, modification, and distribution

Some of the best-known examples include the **Linux kernel**, the BSD and Linux operating systems, the GNU Compiler Collection and C library; the MySQL relational database; the Apache web server; and the Send mail transport agent.

https://asbswsw.blogspot.com/2022/02/basic-understanding-on-free-and-open_2.html

https://asbswsw.blogspot.com/2022/02/basic-understanding-on-free-and-open_10.html



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C) Differentiate between open source and free source software

6:42 PM

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Difference between Free Software and Open Source Software

Free Software:

“Free software” means software that respects users’ freedom and community. Roughly, it means that the users have the freedom to run, copy, distribute, study, change and improve the software.

Open Source Software is something which you can modify as per your needs, share with others without any licensing violation burden. When we say Open Source, source code of software is available publicly with Open Source licenses like GNU (GPL) which allows you to edit source code and distribute it.

S.No.	FS	OSS
1.	Software is an important part of people’s lives.	Software is just software. There are no ethics associated directly to it.
2.	Software freedom translates to social freedom.	Ethics are to be associated to the people not to the software.
3.	Freedom is a value that is more important than any economical advantage.	Freedom is not an absolute concept. Freedom should be allowed, not imposed.

Examples: The

Post settings

Labels

Separate labels by commas

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Published on

2/2/22 6:28 PM

Permalink

Location

Options

.10.html

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Difference between Free Software and Open Source Software

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S. N o.	FS Philosophy	OSS Philosophy
1.	Software is an important part of people's lives.	Software is just software. There are no ethics associated directly to it.
2.	Software freedom translates to social freedom.	Ethics are to be associated to the people not to the software.
3.	Freedom is a value that is more important than any economical advantage. Examples: The Free Software Directory maintains a large database of free-software packages. Some of the best-known examples include the Linux kernel, the BSD .	Freedom is not an absolute concept. Freedom should be allowed, not imposed. Examples: Prime examples of open-source products are the Apache HTTP Server, the e-commerce platform osCommerce, internet browsers
4.	Linux operating systems, the GNU Compiler Collection and C library; the MySQL relational database; the Apache web server; and the Sendmail mail transport agent.	Mozilla Firefox and Chromium (the project where the vast majority of development of the freeware Google Chrome is done) and the full office suite LibreOffice.