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B.N: 131

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Topic: Operating system

Github link:

Github page:

Application Brief: The most important software which runs on a computer is an operating system. This controls the memory and processes of the machine, and all of its applications and hardware. It also lets you communicate with the computer without knowing how to speak the language of the computer. A machine is useless, without an operating system.

The job of the operating system: The operating system ( OS) of your computer controls all the software and hardware on the machine. Much of the time, there are many separate computer programs running concurrently and all of them need to access the central processing unit ( CPU), memory , and storage of your machine. All of this is managed by the operating system to ensure each program gets what it needs.

Operating system types: Operating systems are generally preloaded into every device you buy. Most people use the operating system that comes with their computer but operating systems can be upgraded or even changed. Microsoft Windows, macOS and Linux are the three most popular operating systems used by personal computers.

Modern operating systems are using a graphical user interface, or GUI (gooey pronounced). A GUI allows you to use your mouse to click icons, buttons and menus, and with a combination of graphics and text, everything will be clearly displayed on the screen. Each operating system's GUI has a different look and feel, so if you switch to a different operating system it may seem unfamiliar at first. However, modern operating systems are designed to be easy to use, and most of the basic principles are the same.

Screenshots:

**Operating system main page**

**Links:**

* [main page](file:///D:\html.project\mainpage.html)
* [what is an operating system](file:///D:\html.project\whatisanoperatingsystem.html)
* [importance of operating system](file:///D:\html.project\importanceofoperatingsystem.html)
* [table of operating system with the latest marketshare](file:///D:\html.project\tableofoperatingsystemwiththelatestmarketshare)
* [image of operating system](file:///D:\html.project\imageofoperatingsystem)

This is the main page of operating system, Operating systems were first developed in the late 1950s to manage tape storage. The first OS built by Microsoft was DOS. It was built in 1981 by purchasing the 86-DOS software from a Seattle company. The present-day popular OS Windows first came to existence in 1985 when a GUI was created and paired with MS-DOS.

**operating system definition page**

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**what is an operating system**

An Operating system (OS) is a software which acts as an interface between the end user and computer hardware. Every computer must have at least one OS to run other programs. An application like Chrome, MS Word, Games, etc needs some environment in which it will run and perform its task. The OS helps you to communicate with the computer without knowing how to speak the computer's language. t is not possible for the user to use any computer or mobile device without having an operating system.

**operating system importance page**

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**importance of operating system**

An operating system brings powerful benefits to computer software and software development. Without an operating system, every application would need to include its own UI, as well as the comprehensive code needed to handle all low-level functionality of the underlying computer, such as disk storage, network interfaces and so on. Considering the vast array of underlying hardware available, this would vastly bloat the size of every application and make software development impractical. Instead, many common tasks, such as sending a network packet or displaying text on a standard output device, such as a display, can be offloaded to system software that serves as an intermediary between the applications and the hardware. The system software provides a consistent and repeatable way for applications to interact with the hardware without the applications needing to know any details about the hardware.

**operating system table page**

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OS Name Share

Windows 40.34

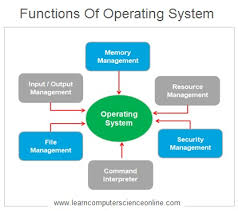
Android 37.95

Ios 15.44

**operating system image page**

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Source code: 