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B.N: 336

Topic: Operating Systems

GitHub link: https://github.com/dinamohamed49/ECE001

GitHub Pages: https://dinamohamed49.github.io/ECE001/.

Operating Systems and its Applications

In modern computing systems, the operating system is the foundational piece of software on which all other software is built. Its duties include handling communication with computer hardware and managing competing demands of other programs that are running. Usability and features drove the impetus for application packages. While Systems Programmers developed tools for low-level processes such as OSs, Applications Programmers focused on the user by providing rich graphical user interfaces to further abstract features and functionality away from the machine-level processes. Applications such as word processors, spreadsheets, and database management systems brought a new wave of utility and efficiency. Users no longer needed any programming skills to interface with the .computer and get their work done

Screenshots

Operating system work

An operating system is the core set of software on a device that keeps everything together. Operating systems communicate with the device's hardware. They handle everything from your keyboard and mice to the Wi-Fi radio, storage devices, and display. In other words, an operating system handles input and output devices. Operating systems use device drivers written by hardware creators to communicate with their devices.

Difference between Firmware and Operating System

Firmware	Operating System
Firmware is one kind of programming that is embedded on a chip in the device which controls that specific device	OS provides functionality over and above that which is provided by the firmware
Firmware is programs that been encoded by the manufacture of the IC or something and cannot be changed	OS is a program that can be installed by the user and can be changed
It is stored on non-volatile memory	OS is stored on the hard drive

Examples

Five of the most common operating systems are Microsoft Windows, Apple macOS, Linux, Android and Apple's iOS..

1. Microsoft Windows
2. Apple iOS
3. Google's Android OS
4. Apple macOS
5. Linux

Source Code

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        <h2>Operating system work</h2>

        <div>
            An operating system is the core set of software on a device that keeps everything together. Operating systems communicate with the de
        </div>

        <br>

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                <th>Firmware</th>
                <th>Operating System</th>
            </tr>
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        <h2>Examples</h2>
        <div>Five of the most common operating systems are Microsoft Windows, Apple macOS, Linux, Android and Apple's iOS..</div>
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            <li>Apple iOS</li>
            <li>Google's Android OS</li>
            <li>Apple macOS</li>
            <li>Linux</li>
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