Computer Glossary

"X" Alphabet

Xinput

An API used by applications to interface with input devices such as game controllers, commonly used in Windows gaming.

XOR Encryption

A simple form of encryption where data is encrypted and decrypted using the XOR logical operation, typically with a repeating key.

XML (eXtensible Markup Language)

A markup language used to encode documents in a format that is both human-readable and machine-readable. It is commonly used for data exchange between systems.

XSS (Cross-Site Scripting)

A type of security vulnerability found in web applications, where attackers inject malicious scripts into webpages viewed by others.

XAML (eXtensible Application Markup Language)

A declarative language used in .NET to define user interfaces, particularly for Windows Presentation Foundation (WPF) and Universal Windows Platform (UWP) applications.

XPath (XML Path Language)

A language used to navigate through elements and attributes in an XML document, often used in conjunction with XSLT.

XOR (Exclusive OR)

A logical operation that outputs true only when the inputs are different. It is widely used in encryption algorithms and error detection.

Xcode

An integrated development environment (IDE) for macOS, used to develop software for Apple's operating systems, including iOS, macOS, watchOS, and tvOS.

XaaS (Anything as a Service)

A collective term that refers to the delivery of any kind of service over the internet, such as SaaS (Software as a Service), PaaS (Platform as a Service), or IaaS (Infrastructure as a Service).

X.509 Certificate

A standard defining the format of public key certificates, used in many internet protocols, including SSL/TLS for securing websites.

X86

A family of instruction set architectures used in computer processors developed by Intel. It is widely used in desktop and laptop CPUs.

X Window System (X11)

A windowing system for bitmap displays, commonly used on UNIX and Linux operating systems, providing the basic framework for a graphical user interface (GUI).

XSLT (eXtensible Stylesheet Language Transformations)

A language used for transforming XML documents into other formats, such as HTML, plain text, or other XML documents.

XFS (X File System)

A high-performance file system developed by Silicon Graphics for use in large-scale file systems and is used in Linux systems.

XLink

A standard for creating hyperlinks in XML documents, allowing elements to be linked in a more sophisticated manner than traditional HTML links.

Xinerama

A technology used in X11 systems that enables multi-monitor setups by allowing multiple physical monitors to behave as a single screen.