[**POSIX**, which stands for **Portable Operating System Interface**, is an IEEE 1003.1 standard defining the language interface between application programs and the UNIX operating system1](https://itsfoss.com/posix/). It ensures compatibility when UNIX programs are moved across different UNIX platforms.

Here are **five free reference links** where you can learn more about POSIX:

1. [**What is POSIX? Why Does it Matter to Linux/UNIX Users?**](https://itsfoss.com/posix/): This article provides an overview of POSIX, its importance, and its impact on Linux and UNIX systems[1](https://itsfoss.com/posix/).
2. [**SOLVED: What Is POSIX? – Up & Running Technologies**](https://www.urtech.ca/2022/11/solved-what-is-posix/): A concise explanation of POSIX as a standard for communications between applications, especially those running on Linux[2](https://www.urtech.ca/2022/11/solved-what-is-posix/).
3. [**What Is POSIX (Portable Operating System Interface)? - phoenixNAP**](https://phoenixnap.com/glossary/posix): Learn about the set of standards that support portability and compatibility between UNIX-like systems[3](https://phoenixnap.com/glossary/posix).
4. [**A Guide to POSIX | Baeldung on Linux**](https://www.baeldung.com/linux/posix): Understand how POSIX maintains compatibility among operating systems and how software adhering to its standards can work across different systems[4](https://www.baeldung.com/linux/posix).
5. [**The Open Group Base Specifications Issue 7, 2018 edition**](https://pubs.opengroup.org/onlinepubs/9699919799/): Explore the official specifications for POSIX, including system calls, networking, and other aspects[5](https://pubs.opengroup.org/onlinepubs/9699919799/).

Feel free to dive into these resources to enhance your understanding of POSIX! 🚀