**Apache NuttX** is a mature, real-time embedded operating system (RTOS) with an emphasis on standards compliance and a small footprint. [It is scalable from 8-bit to 64-bit microcontroller environments, adhering primarily to Posix and ANSI standards while adopting additional standard APIs from Unix and other common RTOS systems1](https://nuttx.apache.org/)[2](https://nuttx.apache.org/docs/latest/introduction/about.html).

Here are **five reference links** where you can learn more about Apache NuttX for free:

1. [**Apache NuttX Official Website**: The official documentation provides extensive information on NuttX, including installation, configuration, and usage1](https://nuttx.apache.org/).
2. [**NuttX Companion Guide**](https://nuttx.apache.org/docs/latest/introduction/about.html)[: This guide offers a detailed introduction to NuttX, emphasizing its small footprint and usability in embedded environments](https://nuttx.apache.org/)[2](https://nuttx.apache.org/docs/latest/introduction/about.html).
3. [**Getting Started with NuttX**](https://nuttx.apache.org/docs/10.0.0/quickstart/quickstart.html)[: A quickstart guide for experienced developers, covering installation, compilation, and configuration](https://nuttx.apache.org/)[3](https://nuttx.apache.org/docs/10.0.0/quickstart/quickstart.html).
4. [**External Tutorials**](https://cwiki.apache.org/confluence/display/NUTTX/External+Tutorials)[: Explore additional tutorials and resources contributed by the NuttX community](https://nuttx.apache.org/)[4](https://cwiki.apache.org/confluence/display/NUTTX/External+Tutorials).
5. [**NuttX on GitHub**](https://github.com/apache/incubator-nuttx.git)[: Dive into the NuttX repositories on GitHub to access the source code, examples, and community discussions1](https://nuttx.apache.org/).

Feel free to explore these resources to learn more about Apache NuttX and its capabilities! 🚀