

Kokkos Documentation

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Kokkos Documentation Welcomes Collaboration, Just like Kokkos Core

- ▶ Kokkos Documentation Is Open Source
- ▶ Anyone can clone/fork the repo:
<https://github.com/kokkos/kokkos-core-wiki>
- ▶ See project README.md for Python dependencies

Recent Conversion to Sphinx-Based Framework

- ▶ Improves navigation
- ▶ Better cross referencing
- ▶ Kokkos-specific tags
- ▶ Aligns with Industry Standard
- ▶ Versioning (ca. Kokkos-5)

Supporting Resources

- ▶ Template for Standard API Entry, https://kokkos.github.io/kokkos-core-wiki/templates/class_api.html
- ▶ Glossary of Terms (forthcoming)
- ▶ Quick Start for Kokkos Core - read/test the code while writing the documentation
- ▶ Kokkos Slack Channel
- ▶ Kokkos Release Demos (quarterly, approximately)

Creating an Issue to Improve Documentation

- ▶ Submit an issue to update, correct, fill in a gap, convert an existing entry to new API standard, <https://github.com/kokkos/kokkos-core-wiki/issues>
- ▶ Please focus your effort on API Guide

Creating a Pull Request to Improve Documentation

- ▶ Submit a PR from your topic branch (against main),
<https://github.com/kokkos/kokkos-core-wiki/pulls>
- ▶ Address reviewer comments in a timely manner
- ▶ Please focus your effort on API Guide

Current Activities, Future Directions

- ▶ Systematic revision of API, <https://kokkos.github.io/kokkos-core-wiki/>
- ▶ Monthly 45-minute meeting to discuss Kokkos-Core-Wiki Documentation, and Kokkos communication structures, broadly
- ▶ Integrate (API) code examples with Compiler Explorer
- ▶ Versioning in the ca. Kokkos-5 era

Collaboration Makes Kokkos Better

- ▶ We invite collaboration, and value suggestions for improvement
- ▶ Please attend the Friday morning feedback session
- ▶ Please get in touch if you have any questions