

c10/core/impl provides headers for functionality that is only needed in very *specific* use-cases (e.g., you are defining a new device type), which are generally only needed by C10 or PyTorch code. If you are an ordinary end-user, you **should not** use headers in this folder. We permanently give NO backwards-compatibility guarantees for implementations in this folder.

Compare with c10/util, which provides functionality that is not directly related to being a deep learning library (e.g., C++20 polyfills), but may still be generally useful and visible to users.

(We don't call this c10/detail, because the detail namespace convention is for *header private* details. However, c10::impl may be utilized from external headers; it simply indicates that the functionality is not for end users.)