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Project	Programming Language C++, Library Working Group
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Networking TS - Editor's Report

History

N4656 is the fifth working draft for the Networking TS, revising N4626. This draft only has editorial changes, as no wording changes were approved in Kona. Some of these changes are in response to National Body comments received during the PDTS ballot, as noted below.

Editorial changes:

- [buffer.const] Fix index entry for `operator+=`

    - Fixes NB US-2 023 (PDTS).

- [internet.network.v6] Fix "string_v6" typos.

    - Fixes NB US-3 037 (PDTS).

- [internet.network.v6] [internet.network.v6] Rename parameters

    - Fixes NB US-4 035 and US-5 036 (PDTS).

- [internet.multicast.outbound] Fix typos in `name()` description

    - Fixes NB US-6 038 (PDTS).

- [async.reqmts.executioncontext] Escape tilde

    - Fixes NB US-15 012 (PDTS).

- [async.assoc.exec] typo `associated_allocator` where `associated_executor` was intended (#54)

- [internet.network.v6] `const string_view&` -> `string_view` (#55)

    - This makes the declarations in the synopsis match the definitions later in the TS, and is how `string_view` is always passed in the IS.

- Rearrange initial clauses per ISO directives

    - Fixes NB CA-1 003 (PDTS).

- [err.report.sync] Remove `\pnum` from continued sentence

- Rephrased some wording to fix overfull lines

  - [async.async.completion]
    [async.reqmts.async.handler.exec] [async.exec.work.guard.members]

- [async.assoc.alloc.members] Improve wording for consistency with IS

  - Also fixes overfull lines.

- [async.assoc.exec.members] Improve wording for consistency with IS

  - Also fixes overfull lines.

- [async] Use `uses_executor_v` and `is_executor_v`

  - Fixes overfull lines in these sections:
    [async.uses.executor.cons]
    [async.assoc.exec.get]
    [async.bin.executor]
    [async.make.work.guard]
    [async.dispatch]
    [async.post]
    [async.defer]

- [async.exec.binder] Rephrase to fix overfull lines

  - Also avoids starting the paragraph with a lowercase name in code font.

- Use `\placeholdernc` for *INVOKE* and *DECAY_COPY*

- Add newlines to fix overfull lines

  - [async.assoc.exec.get]
    [async.bind.executor]
    [async.make.work.guard]