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Typos in pdf version 2022-04-19

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2022年5月16日 晚上9:34

收件者: cppmove@josuttis.com

Dear Mr. Josuttis,

I found several possible typos in your book C++ move Semantics (pdf version: 2022-04-19):

7.1.2. Move Constructors with noexcept

(Page 113, first line)

s/ before C++**20**/ before C++**17**/

(Page 114, last line)

s/ or up to C++**17**:/ or up to C++**14**:/

Reason: according to Page 681 of ISO/IEC 14882:2017, `is_nothrow_move_constructible_v` has been available since C++17.

7.2.1 Rules for Declaring Functions with noexcept

(Page 116)

s/

Overwriting a base class

function that is noexcept **in a derived class** with a function that is not noexcept is an error/

Overwriting a base class

function that is noexcept with a function that is not noexcept **in a derived class** is an error/

(Page 117, one line above Sec. 7.2.2)

s/ derived class should relax exception guarantees/ derived class should **never** relax exception guarantees/

10.1 Universal References as Non-Forwarding References

(Page 155)

s/ the same object is **not longer** needed/ the same object is **no longer** needed/

12.2.1 Return Type decltype(auto)

(Page 187)

s/ **str** still has its value/ **s** still has its value/

15.2.3 Move semantics for std::array<>

(Page 216)

s/ they have a significant size if the small string optimization (SSO) is used/ they have a significant size if the small string optimization (SSO) is **not** used/

Best,

Yung-Hsiang Huang