Slay Some Earthly Demons XIII (Updates n3412)

Document: n3478 Author: Martin Uecker Date: 2025-02-15

Changes: Remove part about partial preprocessing tokens as suggested in SC22WG14.28238.

Undefined Behavior: Partial comment at the end of a file. (J.2 (2), N3301)

Analysis: Partial comments at the end of the file are rejected by most compilers.

Godbolt Link: Example

Recommendation: Make it a constraint violation.

Wording

5.2.1.2 Translation phases

3. The source file is decomposed into preprocessing tokens4) and sequences of white-space characters (including comments). ~~A source file shall not end in a partial preprocessing token or in a partial comment.~~ Each comment is replaced by one space character. New-line characters are retained. Whether each nonempty sequence of white-space characters other than new-line is retained or replaced by one space character is implementation-defined

6.4.10 Comments

Constraints

1 A source file shall not end in a partial comment.