

N1864: Proposed resolution of DR431 *atomic compare-exchange of struct*

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The committee discussion in April was to simply resolve this DR as saying that `atomic_compare_exchange` on atomic structs is undefined. The issue also applies to atomic unions. This paper provides those words.

Suggested Technical Corrigendum

Append to 7.17.7.4 p 2

When these operations are applied to pointers to objects of atomic struct or atomic union type the behavior is undefined.