

C9X Revision Proposal

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Title: Allowing wchar_t to be a keyword
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Sponsor: _____

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Proposal Category:

☒ New feature

Area of Standard Affected:

☒ Language

Prior Art: C++

Target Audience: all

Related Documents (if any): C++ Draft Standard

Proposal:

The C++ CD 14882 says, in 3.9.1 Fundamental Types, ...

Type wchar_t is a distinct type whose values can represent distinct codes for all members of the largest extended character set specified among the supported locales (22.1.1). Type wchar_t shall have the same size, signedness, and alignment requirements (1.5) as one of the other integral types, called its underlying type.

The purpose of this proposal is to allow the same treatment of "wchar_t" in C9X. I see two possibilities:

#1) Allow, but do not require, this keyword treatment.

#2) Require the keyword treatment.

I suspect that #1 is less controversial, but from a C++ liaison point of view, either are ok.