WG21/N1105 J16/97-0067 Thomas Plum/Erwin Unruh 1997-07-17

The C Library and global names [revised title]

17.3.3.1.3 External linkage

[lib.extern.names]

[ADD THE INDENTED TEXT:]

1 Each name declared as an object with external linkage in a header is reserved to the implementation to designate that library object with external linkage, 156)

both in namespace std and in the global namespace.

4 Each name from the Standard C library declared with external linkage is reserved to the implementation for use as a name with extern "C" linkage,

both in namespace std and in the global namespace.

5 Each function signature from the Standard C library declared with external linkage is reserved to the imple-mentation for use as a function signature with both extern "C" and extern "C++" linkage,158)

or as a name of namespace scope in the global namespace.

[ADD A NEW SUBCLAUSE 17.3.3.1.4 AS FOLLOWS:]

17.3.3.1.4 Types

[lib.extern.types]

1 For each type T from the Standard C library,

[Footnote] These types are clock\_t, div\_t, FILE, fpos\_t, lconv, ldiv\_t, mbstate\_t, ptrdiff\_t, sig\_atomic\_t, size\_t, time\_t, tm, va\_list, wctrans\_t, wctype\_t, and wint\_t.

the types ::T and std::T are reserved to the implementation and, when defined, ::T shall be identical to std::T.