
Editor's Report

• X3J16/WG21 November 1991



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Editorial policy

Much of the RM needs improvement

- Resolutions of the committee (if any) are incorporated into the working paper
- Messages (preferably email) to the editor
 - Typos and thinkos are fixed with thanks
 - Substantive or controversial issues are referred to the appropriate subcommittee
- Issues brought up on the reflectors that seem clearly correct and non-controversial are incorporated
- The committee can undo any of the editor's decisions at the next meeting

Declarators

Still not quite satisfactory

- Previous version inherited from K&R 1st edition

In a declaration \mathbb{T} \mathbb{D} where \mathbb{D} has the form
* *cv-qualifier-seq*_{opt} $\mathbb{D}1$
the type of the contained identifier is
“... *cv-qualifier-seq* pointer to \mathbb{T} .”

- What about `int **p; ?`
- Goal is to provide a procedure for analyzing declarations into “deep types”

Compatible types

- An important notion in C
- Mostly replaced by exact match
- Some “adjustment” of types, e.g., array name to pointer

Other items

- Replacement index available
- When a class need not be defined (Chapter 3)
 - Still needs to be more precise
 - When do casts work?
- Enumerations are no longer integral types
 - They can be promoted to integers
 - `a++` or `a = 3` (where `a` is an enumeration variable) is no longer allowed
 - Some places now say “enumeration or integral type” instead of just “integral type”

More other items

- Order of evaluation of subexpressions
- Conversions from integral to enumeration (too Draconian?)
- Syntax changes in base-specifier and new-initializer
- Initialization of aggregates with const or reference members
- When a default constructor or assignment operator is generated

Open issues

- Assignment of objects with virtual base classes
- Formal & actual or parameter & argument?