

The New C Standard (Excerpted material)

An Economic and Cultural Commentary

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6.11.2 Linkages of identifiers

identifier linkage
future language
directions

Declaring an identifier with internal linkage at file scope without the **static** storage-class specifier is an obsolescent feature. 2035

Commentary

static
internal linkage

Declaring an identifier at file scope using the **static** storage-class specifier gives it internal linkage. Although, in C99, subsequent declarations of the same identifier may omit the storage-class specifier (it either has internal linkage, or the behavior is undefined), future revisions of the standard may not support this usage.

function
no storage-class
object
file scope no
storage-class

C90

This future direction is new in C99.

Usage

The translated form of this book's benchmark programs contained 12 declarations of an identifier with internal linkage at file scope without the **static** storage-class specifier.

References