

# atomic habits by james clear pdf

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## What does "atomic" mean in programming? - Stack Overflow

In the Effective Java book, it states: The language specification guarantees that reading or writing a variable is atomic unless the variable is of type long or double [JLS, 17.4.7]. What do...

## c++ - What exactly is std::atomic? - Stack Overflow

I understand that `std::atomic<>` is an atomic object. But atomic to what extent? To my understanding an operation can be atomic. What exactly is meant by making an object atomic? For example if

## atomic operations and atomic transactions - Stack Overflow

Can someone explain to me, whats the difference between atomic operations and atomic transactions? Its seems to me that these two are the same thing.Is that correct?

## c++ - How to implement an atomic counter - Stack Overflow

Fortunately, the value initializing constructor of an integral atomic is `constexpr`, so the above leads to constant initialization. Otherwise you'd want to make it -say- a static member of a class that is wrapping this and put the initialization somewhere else.

## What are atomic types in the C language? - Stack Overflow

I remember I came across certain types in the C language called atomic types, but we have never studied them. So, how do they differ from regular types like `int`, `float`, `double`, `long` etc., and what are...

## c++ - How to use std::atomic efficiently - Stack Overflow

`std::atomic` is new feature introduced by `c++11` but I can't find much tutorial on how to use it correctly. So are the following practice common and efficient? One practice I used is we have a `buff...`

## Is there a difference between the `_Atomic` type qualifier and type ...

Why the standard make that difference? It seems as both designate, in the same way, an atomic type.

## **sql - What is atomicity in dbms - Stack Overflow**

The definition of atomic is hazy; a value that is atomic in one application could be non-atomic in another. For a general guideline, a value is non-atomic if the application deals with only a part of the value. Eg: The current Wikipedia article on First NF (Normal Form) section Atomicity actually quotes from the introductory parts above.

## **c++ - Why does g++ still require -latomic - Stack Overflow**

In 29.5 Atomic types of the C++ Standard November 2014 working draft it states: There is a generic class template atomic. The type of the template argument T shall be trivially copyable (3.9). [

## **linux - Is rename () atomic? - Stack Overflow**

But rename() is still atomic in a very important sense: if you use it to overwrite a file, then you will end up with either the old or the new version and nothing else. [update: but as @jonas-wielicki points out in the comments, you need to make sure the file you are renaming actually has up-to-date contents, using fsync() and friends.]