

System.Runtime.CompilerServices.IsVolatile Class

```
[ILASM]
.class public sealed IsVolatile extends System.Object

[C#]
public sealed class IsVolatile
```

Assembly Info:

- *Name:* mscorlib
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- *Version:* 1.0.x.x
- *Attributes:*
 - CLSCompliantAttribute(true)

Summary

Marks a field as volatile.

Inherits From: System.Object

Library: RuntimeInfrastructure

Thread Safety: All public static members of this type are safe for multithreaded operations. No instance members are guaranteed to be thread safe.

Description

System.Runtime.CompilerServices.IsVolatile is a class used only in custom modifiers of method signatures to indicate that the field it marks is "volatile". Any compiler that imports metadata with one or more fields marked as "volatile" is required to use **volatile.** prefixed instructions to access such fields.

[*Note:* For most languages, it is recommended that the notion of "volatile" be attached to fields using language syntax instead of custom modifiers.

The types in **System.Runtime.CompilerServices** are intended primarily for use by compilers, not application programmers. They allow compilers to easily implement certain language features that are not directly visible to programmers.] For more information on custom modifiers, see Partition II of the CLI Specification.