
Subject: Why ReadWithBarrier returns bool (current svn)

Posted by [hans](#) on Tue, 06 May 2008 18:31:50 GMT

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Hi, we have

```
template <class U>
inline bool ReadWithBarrier(const volatile U& b)
{
    volatile bool tmp = b;
    ReadMemoryBarrier();
    return tmp;
}
```

but use it as it would return an int too, like in

```
inline int AtomicRead(const volatile Atomic& t)    { return ReadWithBarrier(t); }
```

So I would suggest to replace in ReadWithBarrier the bool with the U template parameter (in tmp var and return type).

Cheers, Hans.
