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Subject: Re: bug in latest svn  
Posted by [Novo](#) on Wed, 07 May 2008 20:07:09 GMT  
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luzr wrote on Wed, 07 May 2008 07:59Novo wrote on Mon, 05 May 2008 22:07luzr wrote on Sun, 04 May 2008 12:28Well, second return is never performed. It is there only to shut-up the compiler about missing return.... (which, of course, in this context sounds like void effort

In this case I have two questions:

- 1) Why you are not using something like mutex guard for such code? That would eliminate requirement in "return String()".
- 2) Why this code was left not thread-safe?

Just curios ...

Well, INTERLOCKED\_ is a mutex guard...

Unfortunately, the compiler is not able to figure out that second return never takes place...

Mirek

What is wrong with the code below?

```
const String& GetCppFile(int i)
{
    Mutex::Lock guard(cpp_file_mutex);

    return cpp_file[i];
}
```

What is so special about INTERLOCKED\_ ?