
Subject: Unified locking?

Posted by [mirek](#) on Thu, 28 Aug 2008 13:41:59 GMT

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Just a small idea, maybe we can officially name two methods:

```
EnterMutex  
LeaveMutex
```

and use them for "unified locking". I mean, if you e.g. have any type with instances are to be locked, it should have these two methods.

We could then apply common constructs to such objects, e.g. templated `Mutex::Lock` or `INTERLOCKED`.

For example, if `CtrlCore` gets traditionally MT safe, we could do

```
ArrayCtrl a;
```

```
INTERLOCKED_(a) {  
    ....  
}
```

of course, obvious utility is

```
template <class T> class WithMutex : T, Mutex {}
```

Mirek
