

mtx.cm

```
/*  
  
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    http://sourceforge.net/projects/cmajor/  
  
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    )  
  
*/  
  
// Copyright (c) 1994  
// Hewlett-Packard Company  
// Copyright (c) 1996  
// Silicon Graphics Computer Systems, Inc.  
// Copyright (c) 2009 Alexander Stepanov and Paul McJones  
  
namespace System.Support  
{  
    public const int EXIT_MUTEX_OP_FAILED = 249;  
  
    public class MtxGuard  
    {  
        public nothrow MtxGuard(int mid_): mid(mid_)  
        {  
            int result = mutextbl_lock_mtx(mid);  
            if (result != 0)  
            {  
                exit(EXIT_MUTEX_OP_FAILED);  
            }  
        }  
        public nothrow ~MtxGuard()  
        {  
            int result = mutextbl_unlock_mtx(mid);  
            if (result != 0)  
            {  
                exit(EXIT_MUTEX_OP_FAILED);  
            }  
        }  
        private int mid;  
    }  
}
```