

Index of Examples

Example 1 Process Vectors and Matrices	12
Example 2 MyDateAdd	21
Example 3 Hide Unwanted Functions (A Simple Approach)	25
Example 4 Hide Unwanted Functions (A Better Approach)	27
Example 5 Debug-able Dynamic Script	36
Example 6 MyScriptUtil.StartDebug()	41
Example 7 A Debuggable User Script	41
Example 8 Compile Script in Debug Mode	42
Example 9 Dynamic Script Driver	44
Example 10 Lock Statement	55
Example 11 Interlocked class	57
Example 12 Monitor.Enter() / Monitor.Exit()	58
Example 13 Monitor.TryEnter()	60
Example 14 Thread Re-entry	61
Example 15 ReaderWriterLock	66
Example 16 Deadlock	69
Example 17 Double-Checking	74
Example 18 Eliminating Unnecessary Locking	77
Example 19 Double Buffer Design Code Skeleton	83
Example 20 Exchange Data Information with a Thread	86
Example 21 Thread Synchronization	88
Example 22 Thread Synchroniztion (more than 2 threads)	90
Example 23 Thread Synchronization (Two-Way)	94
Example 24 Inter-Process Synchronization: Named Mutex	100
Example 25 Recommended C# Solution Structure	110
Example 26 Update a Control from a Non-Owner Thread	116
Example 27 Interface with VB (using lock)	119

Example 28 Interface with VB (using Synchronized)	119
Example 29 Convert Asynchronized Callback to Synchronized Call	128