

Lock-free algorithms: Choosing a unique value (warm-up)

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Here's a snippet of code whose job is to generate a unique number within the process. [Here's some reference reading to get yourself in the mood](#). Caution: It may or may not be useful.

```
dwUniqueId = InterlockedCompareExchange(&g_dwUniqueId,  
                                         g_dwUniqueId+1,  
                                         g_dwUniqueId);
```

Criticize this code fragment.

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