

Weak Timer Lab

Use the **WeakTimer_Starter** solution under the **Exercises\Module02_MemoryManagement_GC** folder as a starter solution for implementing a weak-reference-based timer.

Instead of relying on a delegate, this timer implementation will use an interface that the subscribing objects implement. The timer will keep a weak reference to this interface and detect that the weak reference has been collected to automatically cancel the timer if necessary.

This kind of timer prevents memory leaks and unnecessary timer invocations when the original registered object is no longer reachable from the main application code.

You can find the solution for this lab in the **WeakTimer_Solution** solution under the **ExerciseSolutions\Module02_MemoryManagement_GC** folder.