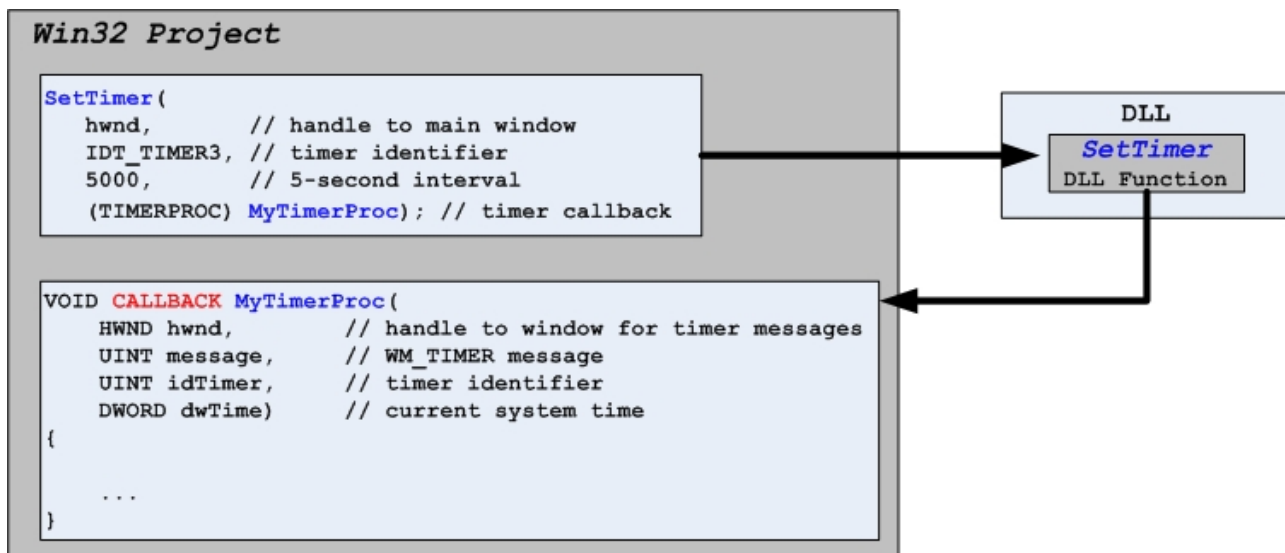


Callback

(節錄至 Wikipedia) In [computer science](#), a **callback** is executable code that is passed as a parameter to other code. It allows a low level software layer to call a function occurring in a higher level layer. Usually the higher level code first calls a function within the lower level code passing to it a pointer or handle to another function. Then the lower level function in the course of executing may call the passed-in function any number of times to perform some subtask. Another option is that the lower level function registers the passed-in function as a handler that is to be called asynchronously by the lower level at a later time in reaction to something.

補充說明
 當一個系統或函式要求給定一個 function pointer 時，這個 function pointer 指到一個實際的函式(大部份這個函式是自己寫的)，然後它會在適當的時機呼叫此 function，則此 function 就稱為 callback function。

舉一個 SetTimer API 函式來說明 Callback function 與 DLL 之間的關係，



The DLL functions that require callback functions are often functions that must execute some action repeatedly. For example, the SetTimer API function requires a callback function each time a specified interval elapses.

Reference

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