DLL can be used by more than one program at the same time. So it is the helpful for reducing disk spaces, decreasing memory usage and easy to deployment or installation

為library內的模組 可簡易插入程式中 節省記憶體之消耗

Unmanaged & Managed DLL

* Unmanaged DLL ,ex. C/C++, will be compiled to machine language to run directly on the hardware.直接轉成機器語言
* Managed DLL, ex. C#/VB, will be compiled to a virtual machine called CLR 先轉成中間語言(Common Language Runtime), and compiled to machine language on start by the JIT (Just in time compiler). THE CLR can be compared to the java virtual machine, it is the same concept.可由不同程式編譯成中間語言再轉編成其他語言

Native DLL原生(由c寫成) Assembly (匯編)DLL

* An assembly is the compiled code library and it can be an executable or DLL.
* A Native DLL file can have a nearly infinite possible entry points.
* Assembly present in bin can have either strong/weak Name and assembly in GAC Should have strong name. GAC? strang /weak name??

Dynamic & Static DLL

* Dynamic loading, the DLL is not loaded until the call to LoadLibrary. The library is unloaded by the call to FreeLibrary.要用到時再載入記憶體就好
* Static loading the DLL will be loaded and its initialization sections will execute before the calling application's initialization sections are executed.整包載, 較大, 但跑得快

5/14. 上課內容

Under VBA一個工作表=一個物件

表單user form ,interface

模組-若程式跟user form(sheet)沒關係, 就不要寫在物件裡, 寫在模組module中

(模組可匯出, worksheet無法匯出)

物件類別模組(class) 都會有都需要的模組(EX 不同車都需要輪子)- 共同需要的功能, 好呼叫

局部聯結-需指定執行的DLL在哪裡

全域註冊-在GAC中, 整台電腦都可以, 只要呼叫名稱對了, 就可以執行