

物件導向程式設計實習

Windows 遊戲設計環境安裝說明

一、系統需求

作業系統需求 Windows 10

二、安裝 Visual Studio 2017

a. 下載 Visual Studio 2017 Community，[點我](#)

b. 開啟安裝程式

c. 安裝套件

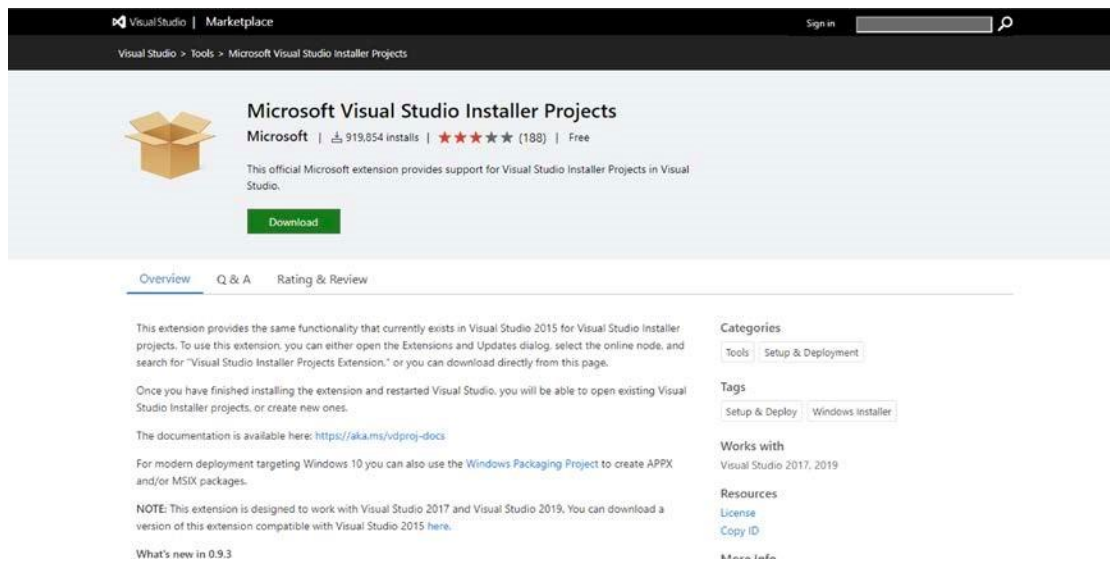
選擇「使用 C++ 的桌面開發」及確認元件「Windows 10 SDK」、「x86 與 x64 版 C++ MFC」



d. 安裝完成後重啟系統

三、安裝 Microsoft Visual Studio Installer Projects

a. 下載插件，[點我](#)

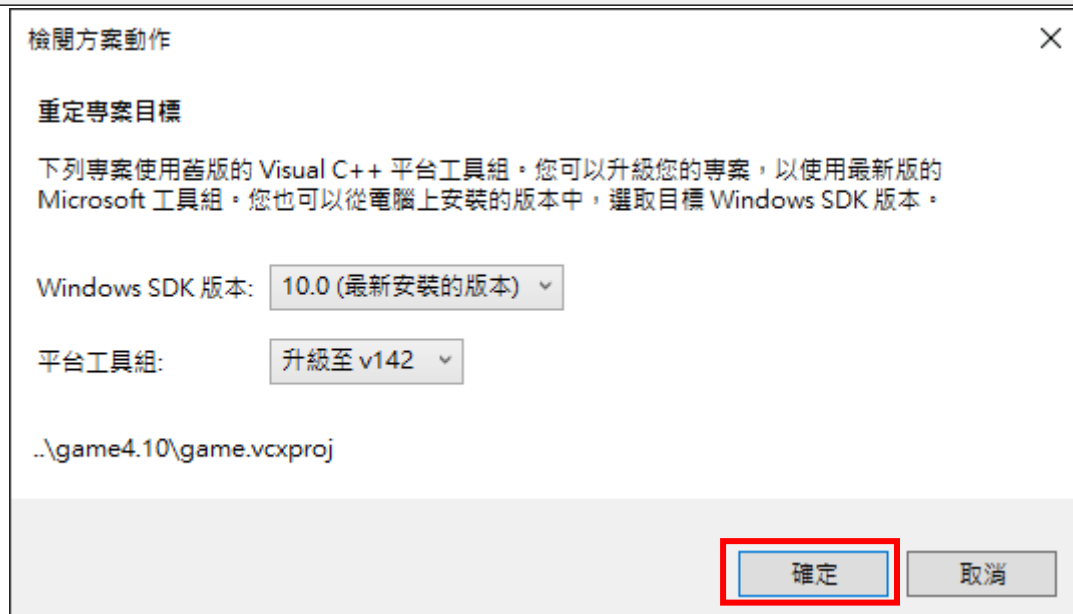


The screenshot shows the Visual Studio Marketplace interface. At the top, there's a navigation bar with 'VisualStudio | Marketplace' and a 'Sign in' button. Below this, the breadcrumb 'Visual Studio > Tools > Microsoft Visual Studio Installer Projects' is visible. The main content area features a large orange box icon representing the extension. To its right, the title 'Microsoft Visual Studio Installer Projects' is displayed, followed by 'Microsoft' as the publisher, '919,854 installs', a 5-star rating (188 reviews), and 'Free'. A description states: 'This official Microsoft extension provides support for Visual Studio Installer Projects in Visual Studio.' A green 'Download' button is prominently displayed. Below the main content, there are tabs for 'Overview', 'Q & A', and 'Rating & Review'. The 'Overview' tab is active, showing detailed text about the extension's functionality, installation instructions, and documentation links. On the right side, there are sections for 'Categories' (Tools, Setup & Deployment), 'Tags' (Setup & Deploy, Windows installer), 'Works with' (Visual Studio 2017, 2019), and 'Resources' (License, Copy ID).

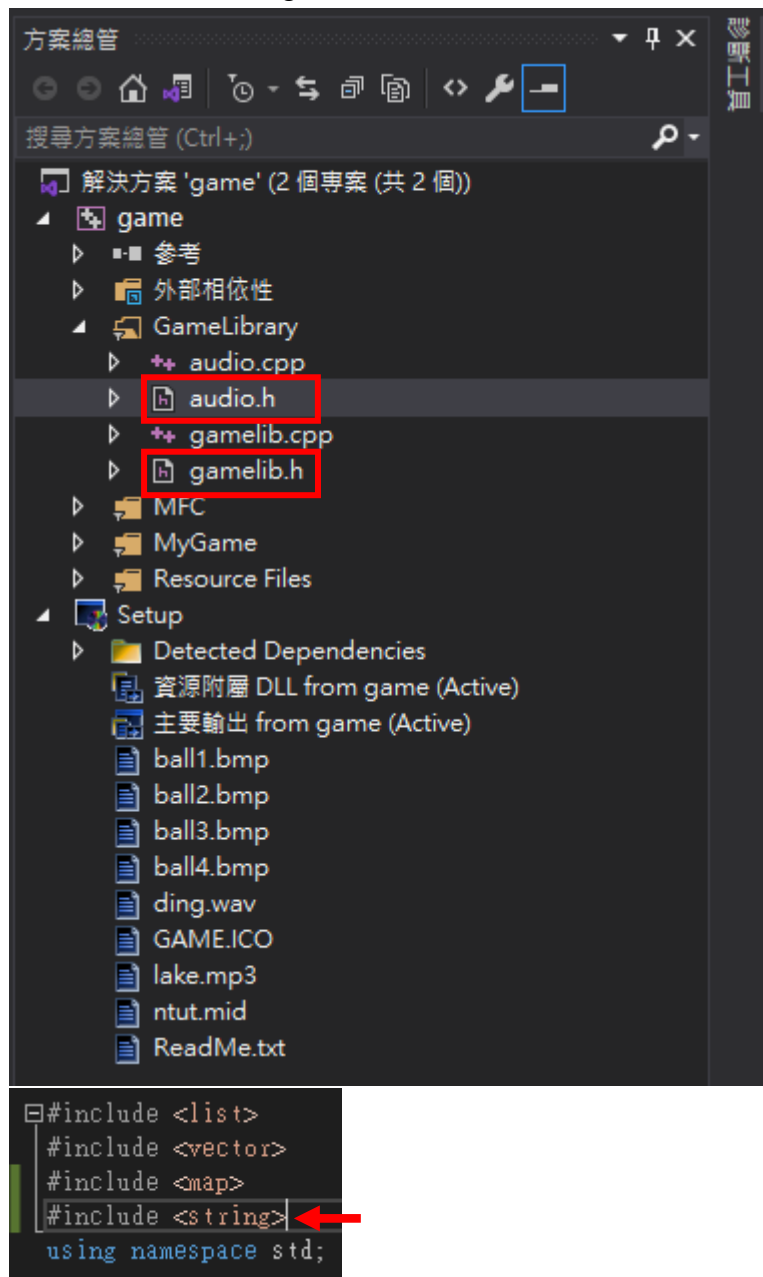
b. 在沒有開啟 Visual Studio 的狀態安裝插件(.vsix)

四、範例程式

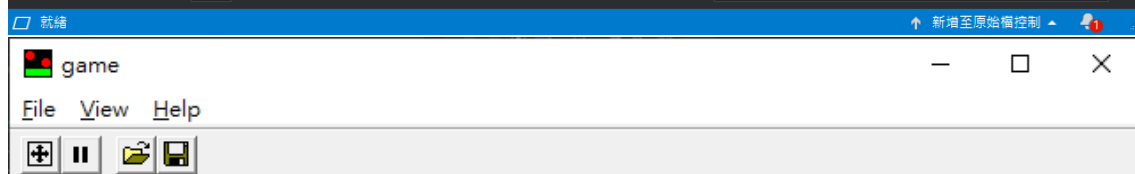
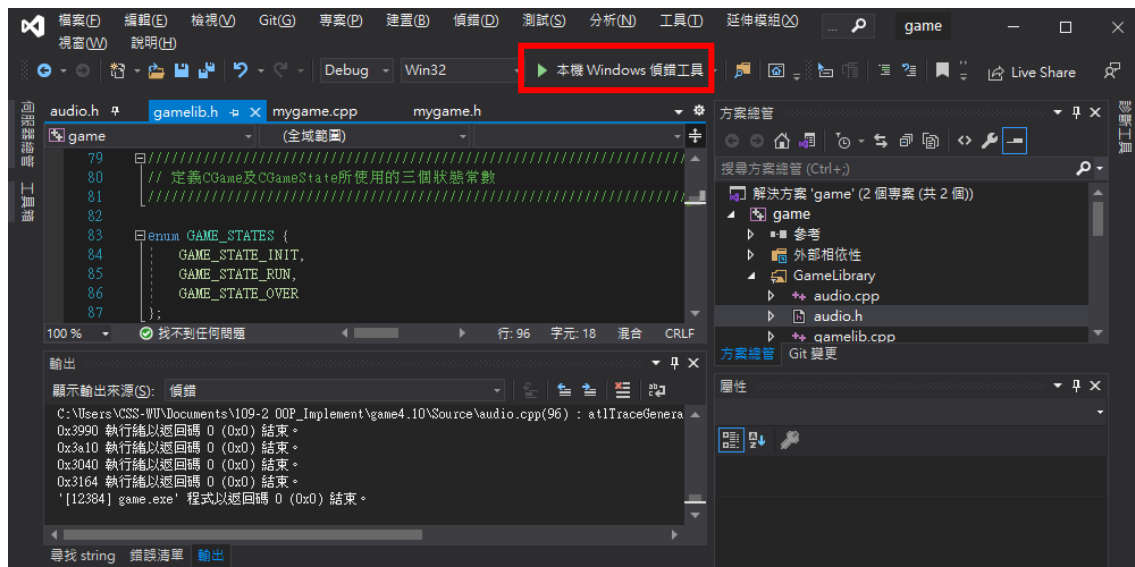
- 下載 game4.10.zip [點我](#)
- 解壓縮後開啟 game.sln
- 點擊確定



- d. 在 game->GameLibrary->audio.h
跟 game->GameLibrary->gamelib.h 之中
加入 #include <string>



- e. 編譯並執行



Please click mouse or press SPACE to begin.

Press Ctrl-F to switch in between window mode and full screen mode.

Press Ctrl-Q to pause the Game.

Press Alt-F4 or ESC to Quit.

Ready