

ModelSim Installation



ModelSim Introduction

ModelSim 是硬體描述語言 (hardware description language, HDL) 的模擬 (simulation) 環境，用於模擬如 VHDL、Verilog 和 SystemC 之類的硬體描述語言。

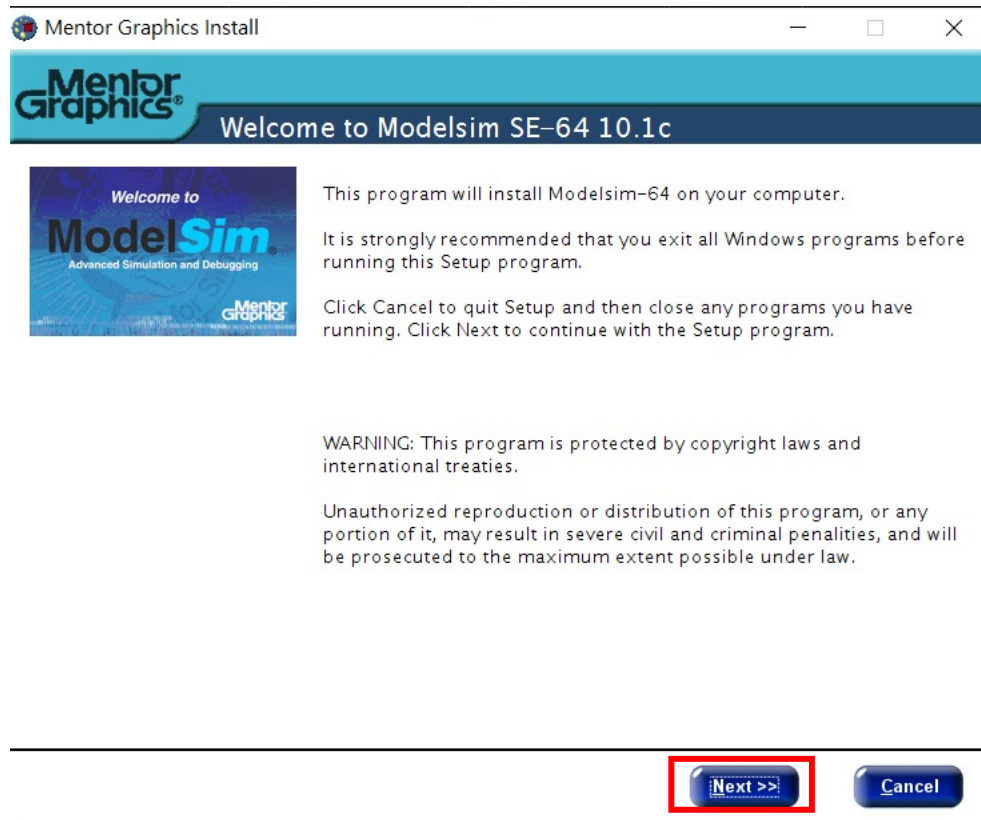
ModelSim Installation

- Download : [Modelsim SE-64 10.1c](#)
- 解壓縮檔案後進入 Modelsim_10.1c/Modelsim_10.1c

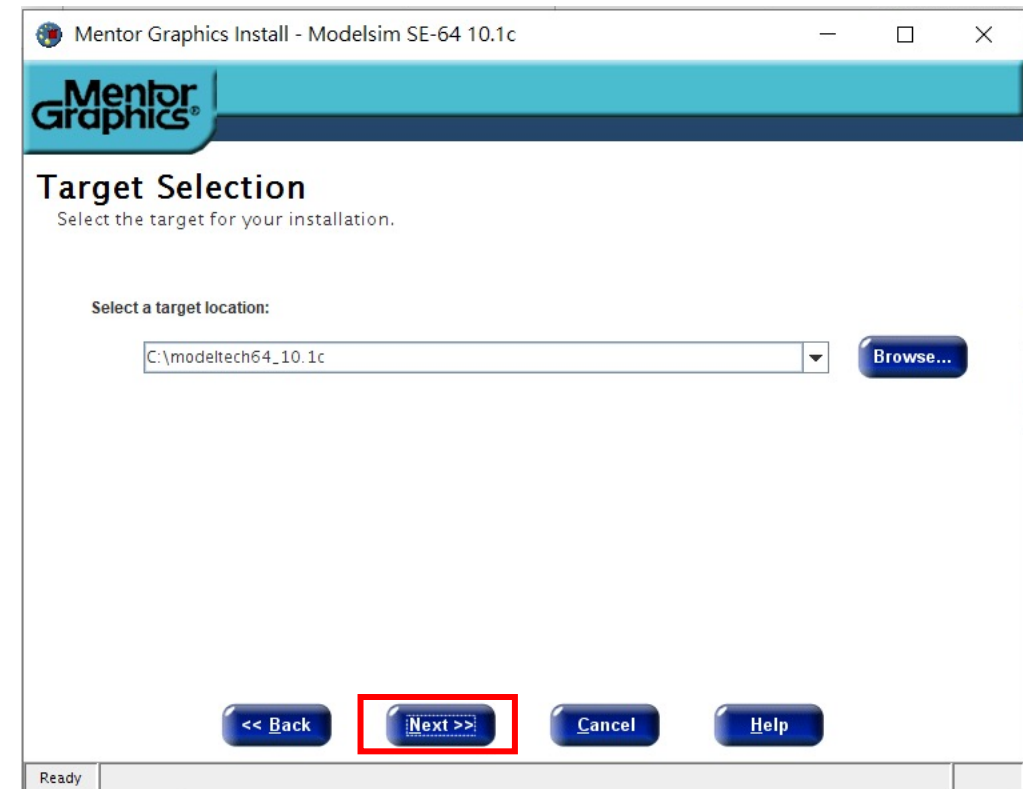


執行 modelsim-win64-10.1c-se.exe

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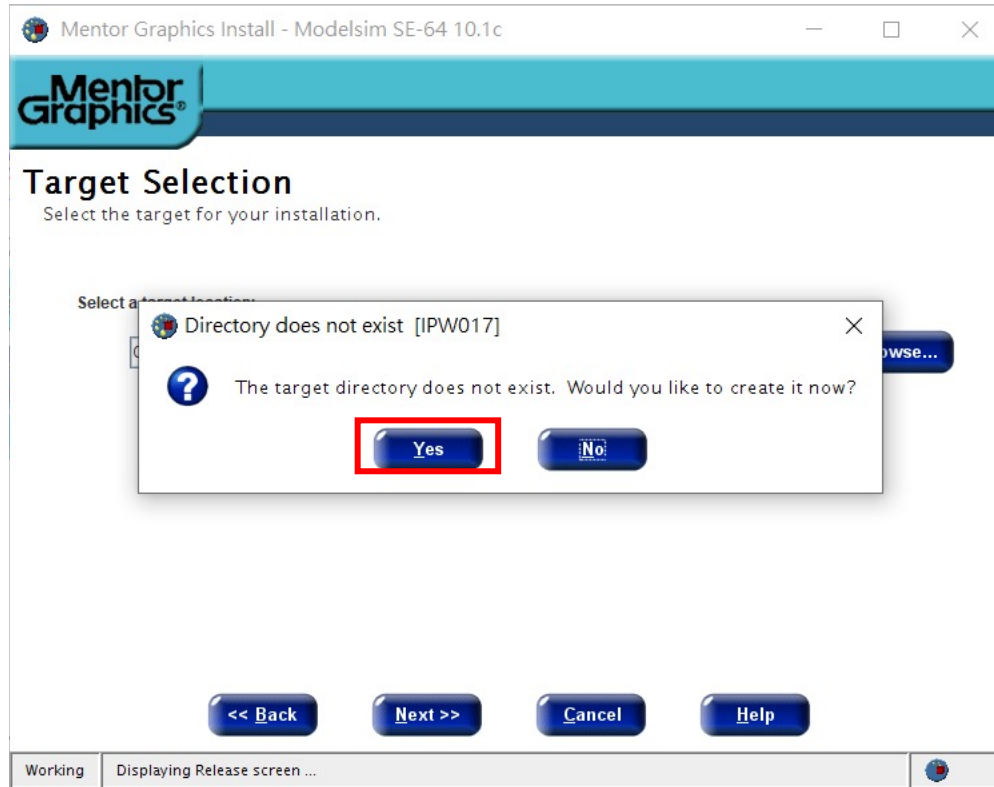


點擊 Next



點擊 Next

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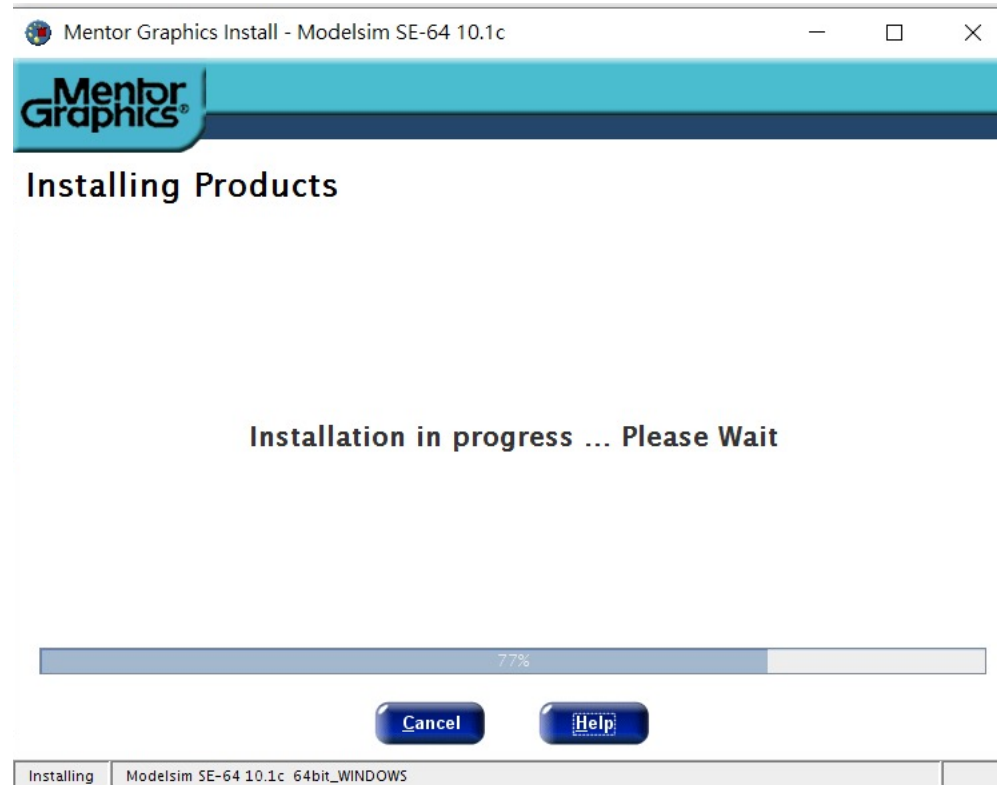
點擊 Yes



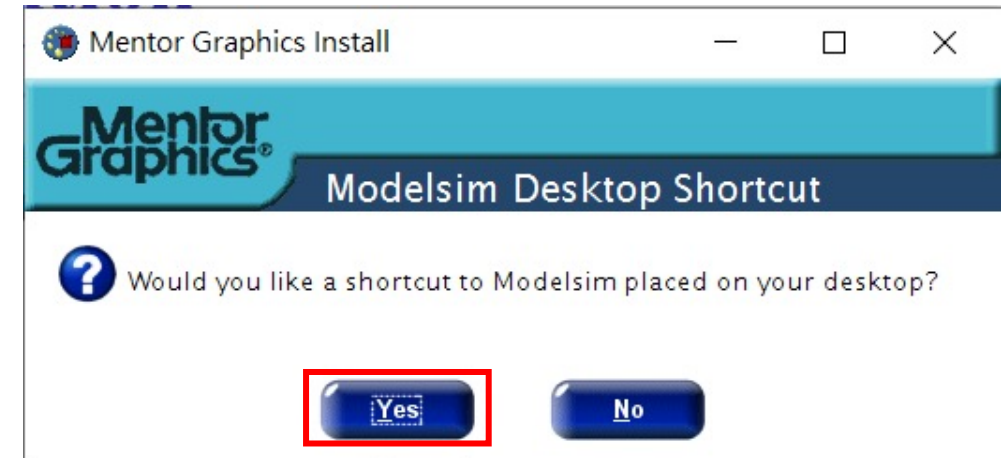
點擊 Agree



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等待安裝

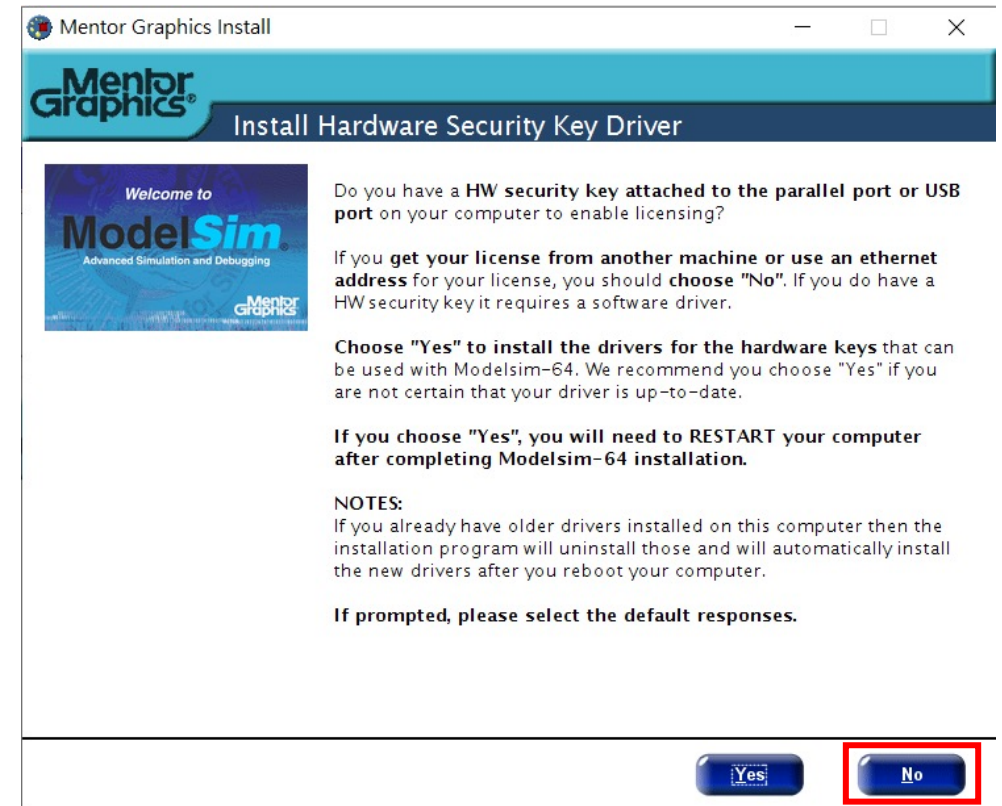


點擊 Yes

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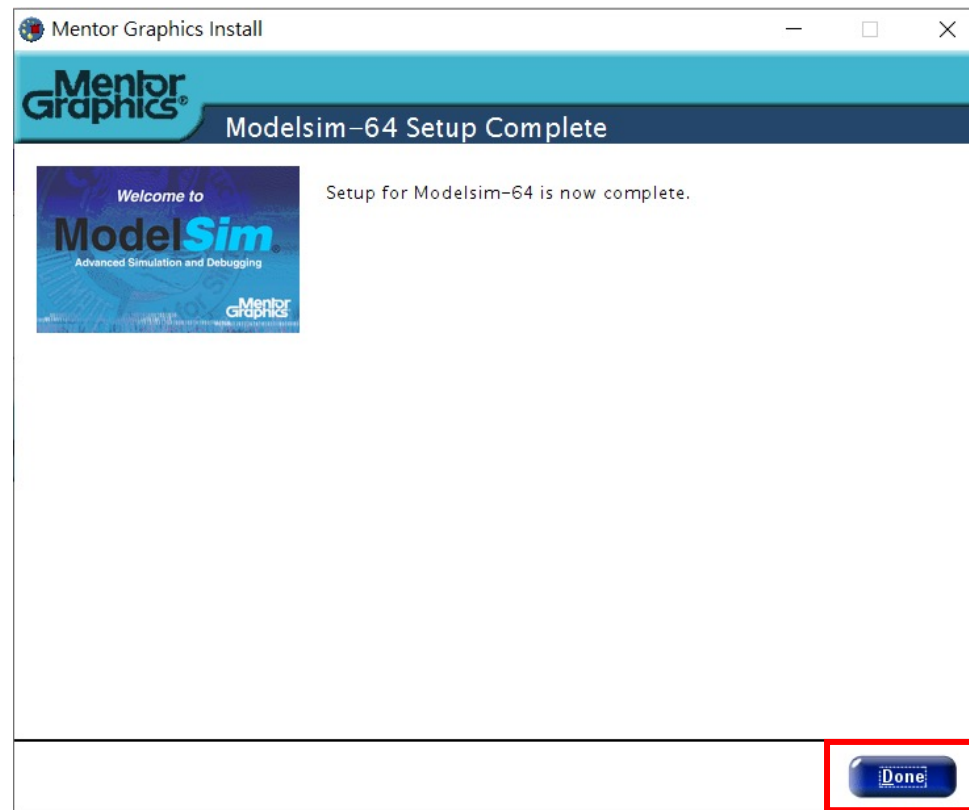
點擊 Yes



點擊 No

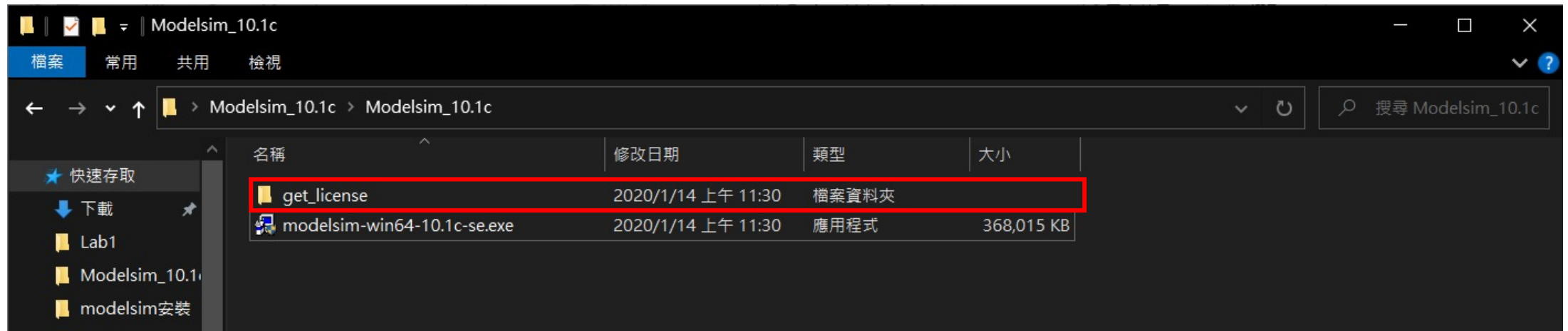


ModelSim Installation



點擊 Done 安裝完成，但目前還無法使用，需要取得 **License**

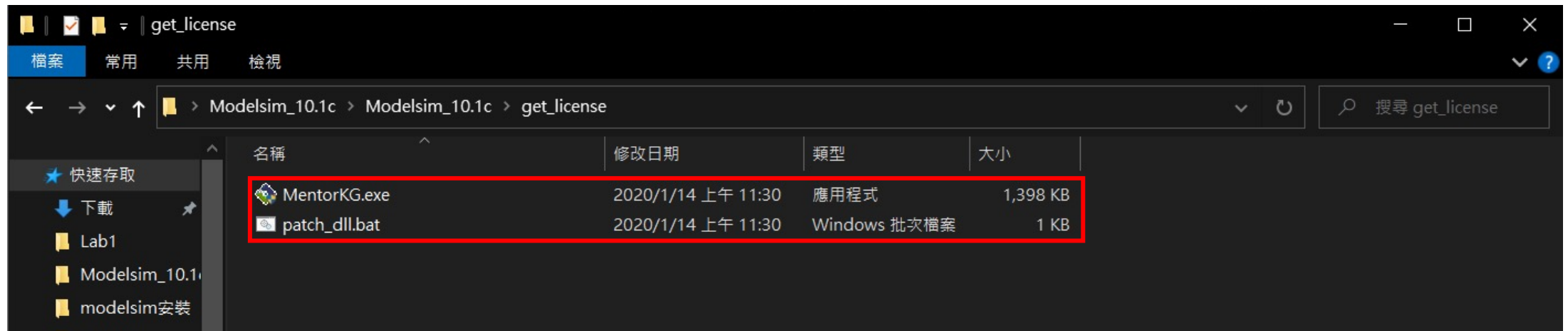
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進入一開始下載的

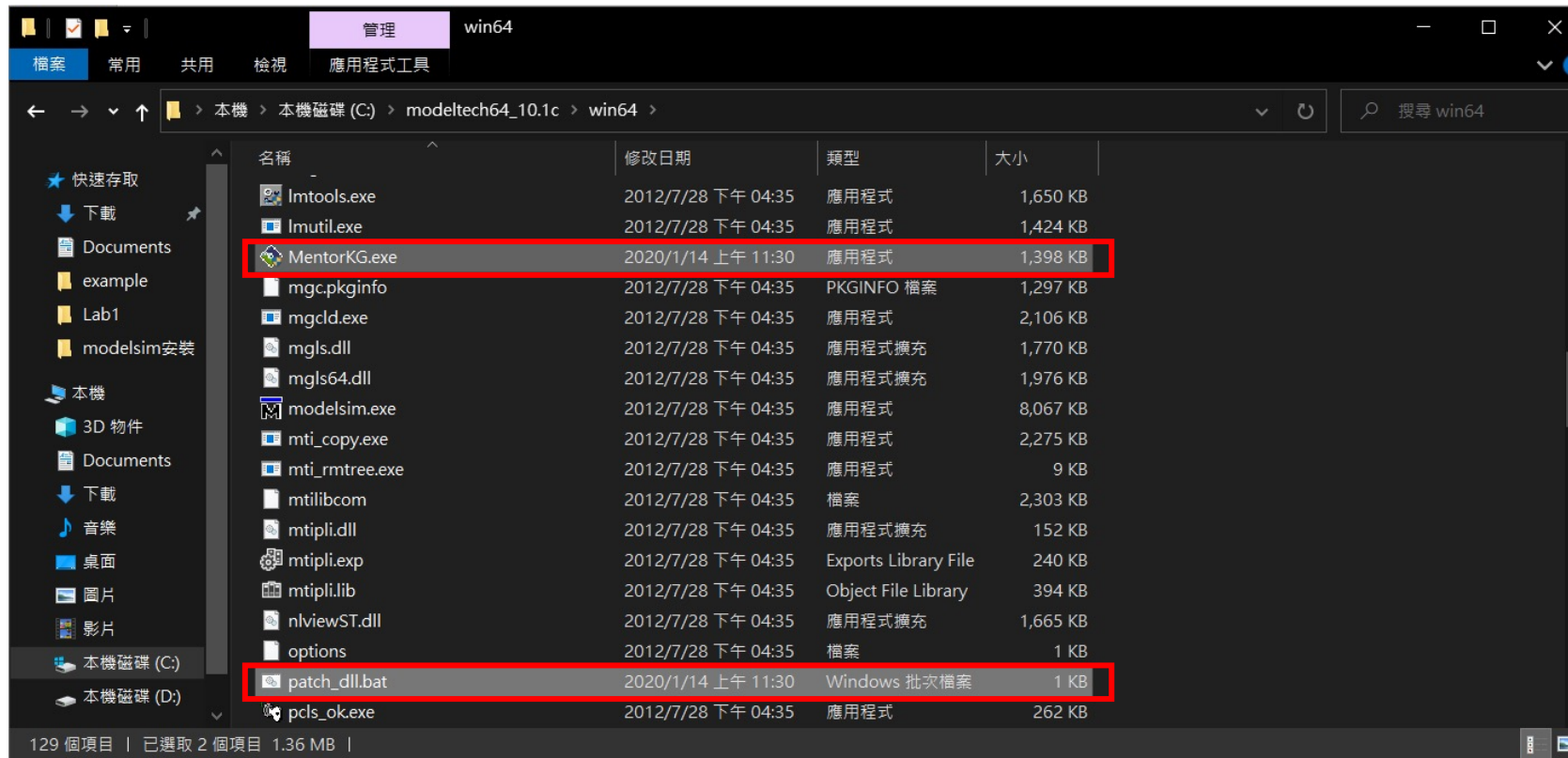
Modelsim_10.1c/Modelsim_10.1c/get_license

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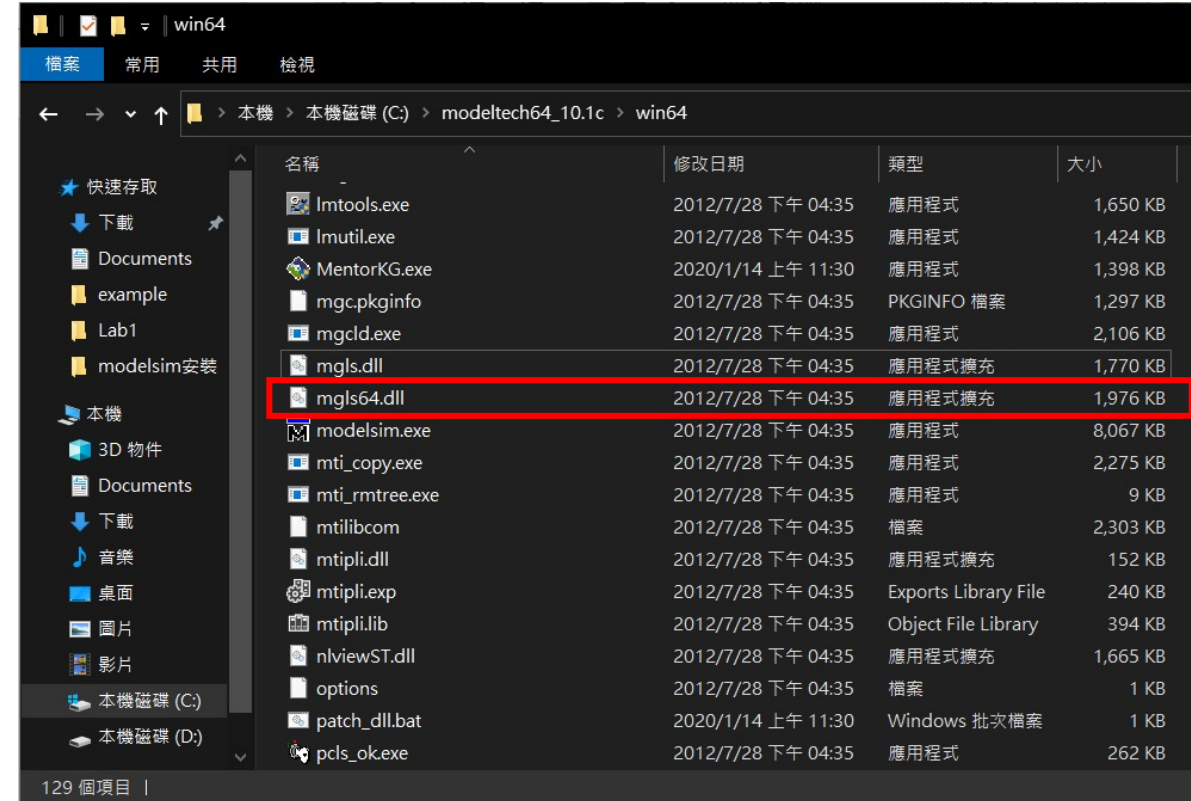
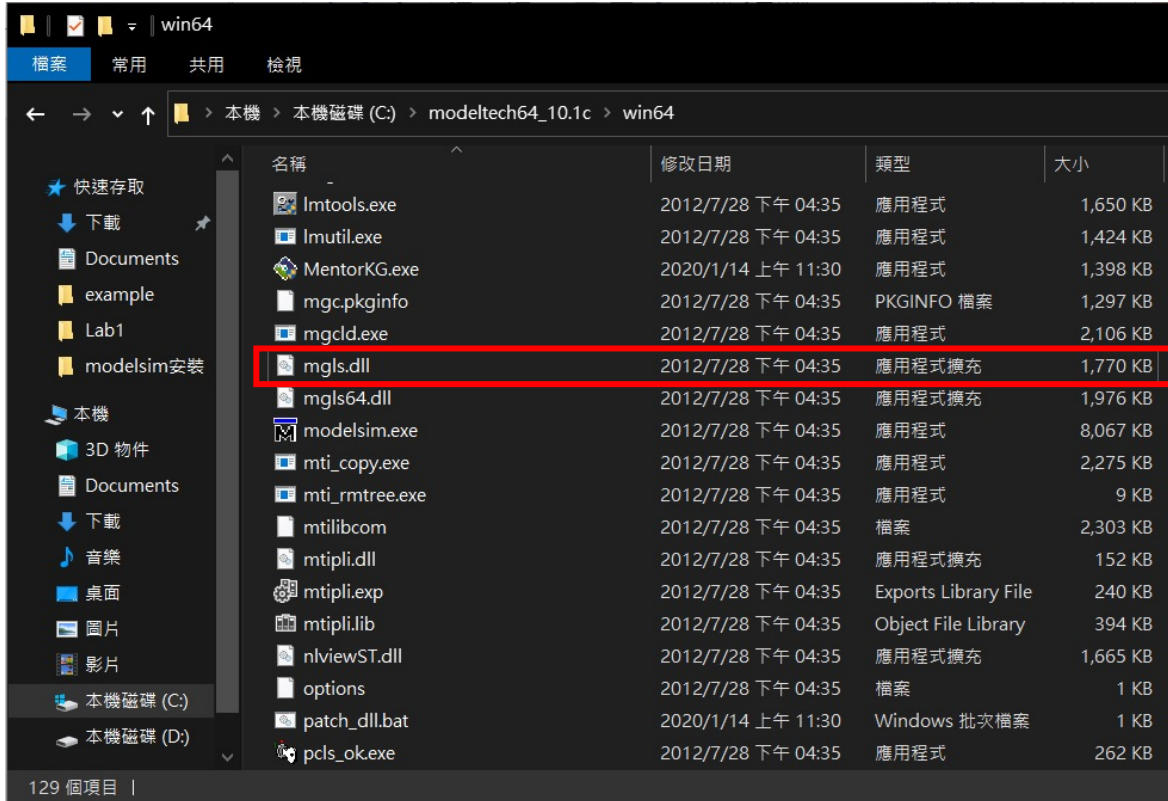
複製 MemtorKG.exe 及 patch_dll.bat

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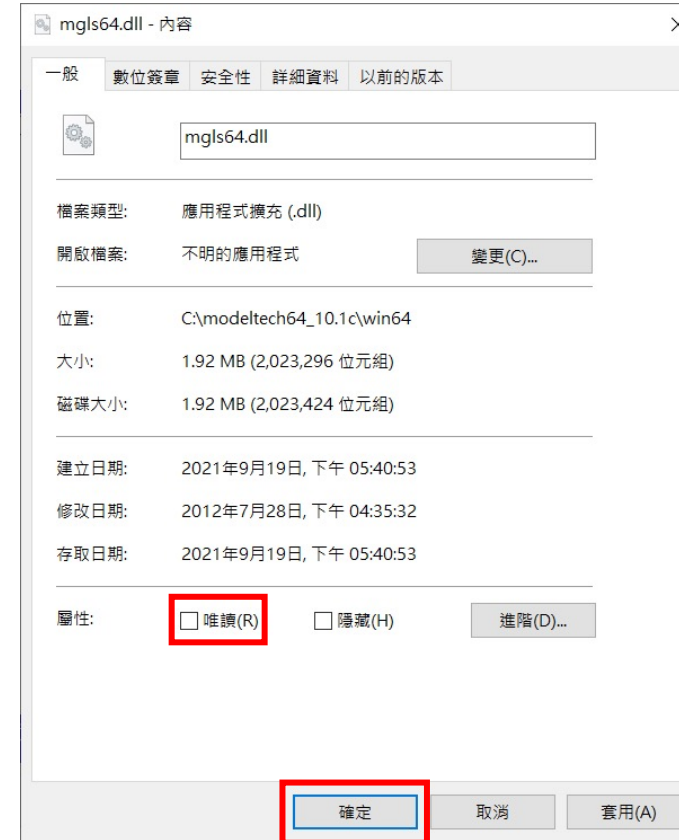
前往 **C:\modeltech64_10.1c\win64** 並 貼上

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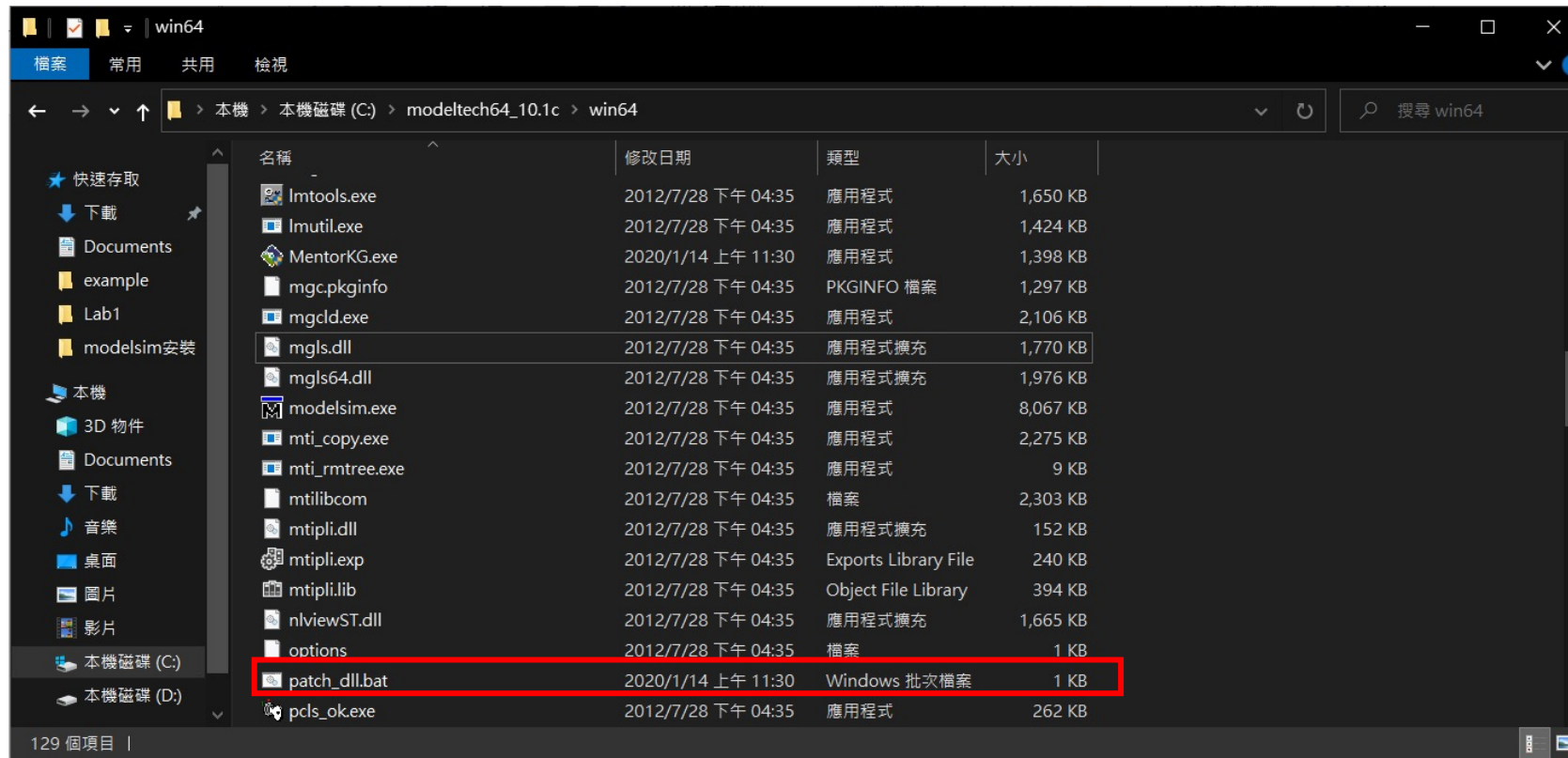
在 `C:\modeltech64_10.1c\win64` 找到 `mgls.dll` 及 `mgls64.dll` 點選 右鍵->內容

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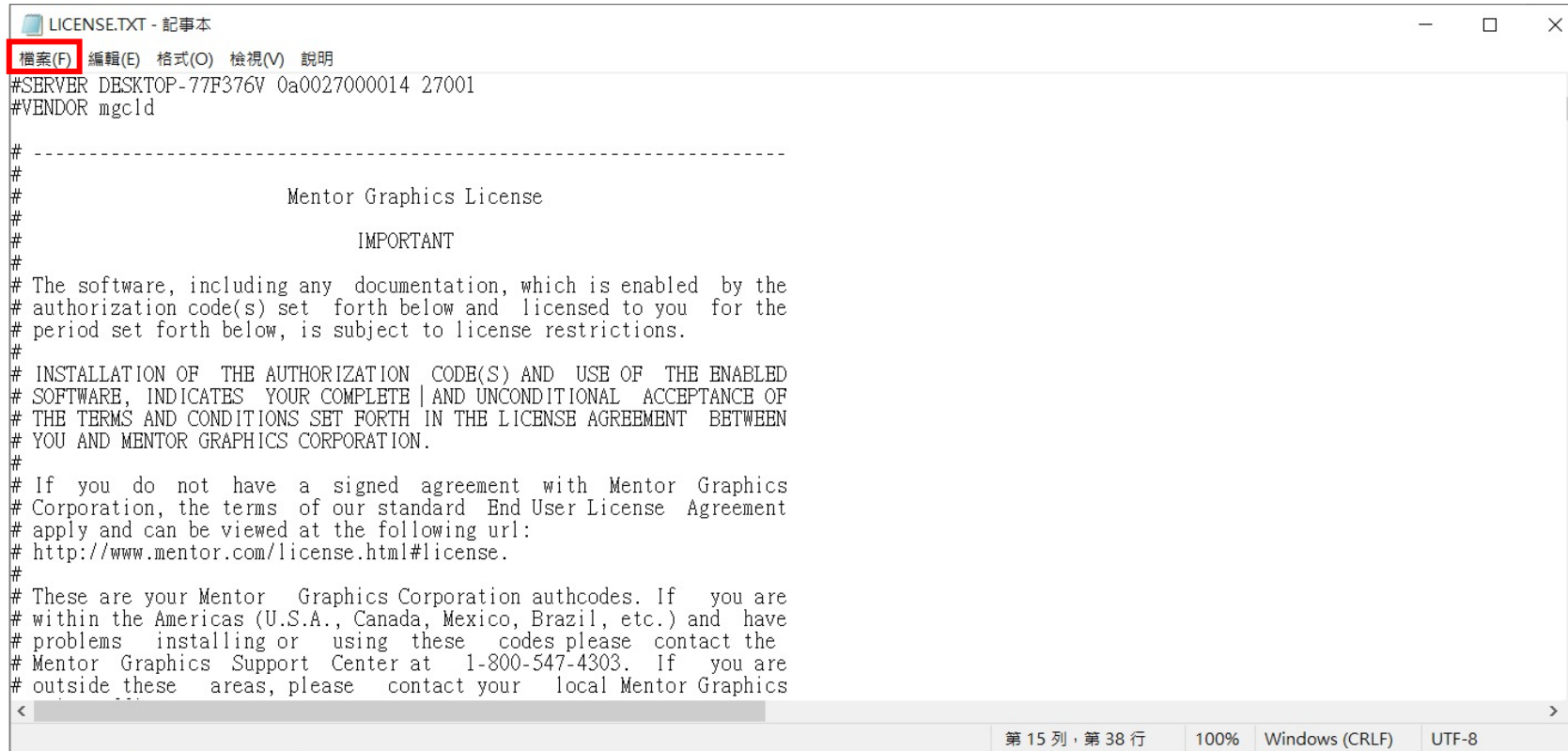
兩個檔案皆 取消勾選 唯讀選項 並點擊確定

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在 **C:\modeltech64_10.1c\win64** 左鍵雙擊執行 **patch_dll.bat**

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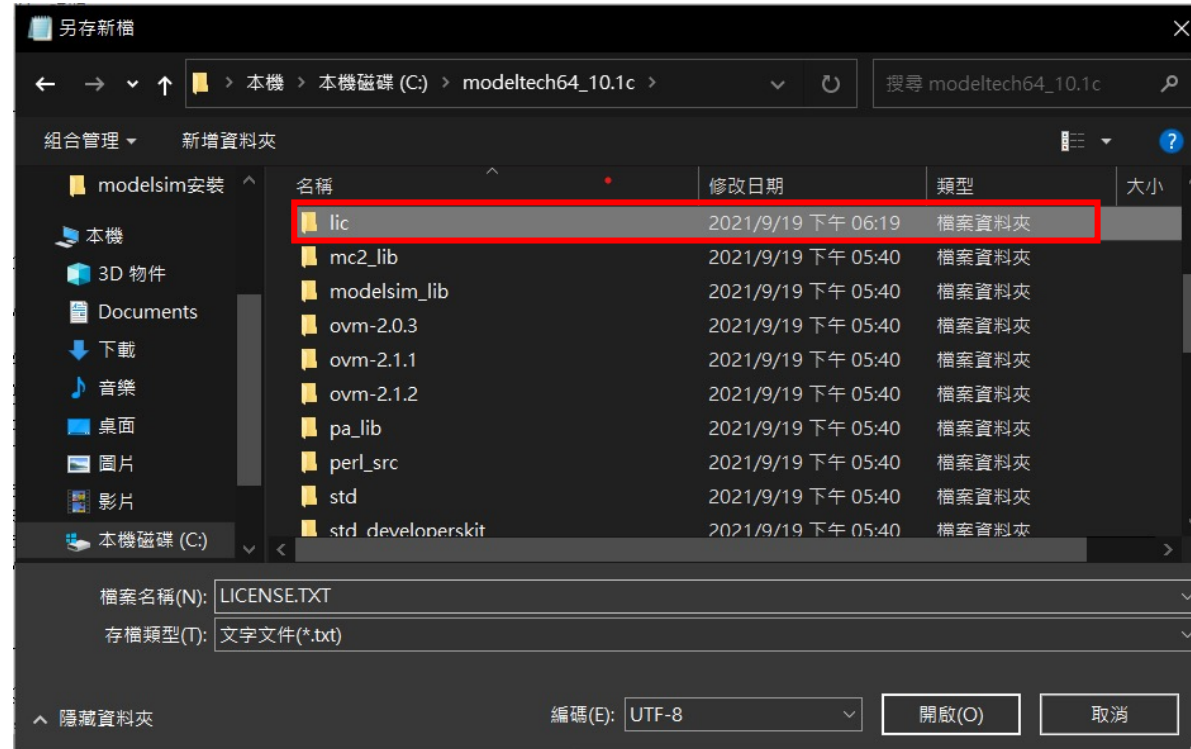


```
LICENSE.TXT - 記事本
檔案(F) 編輯(E) 格式(O) 檢視(V) 說明
#SERVER DESKTOP-77F376V 0a0027000014 27001
#VENDOR mgcld

# -----
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```

等待執行完畢會自動生成 LICENSE.TXT，點擊 檔案->另存為

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(!!! 檔名須為 LICENSE.TXT !!!)



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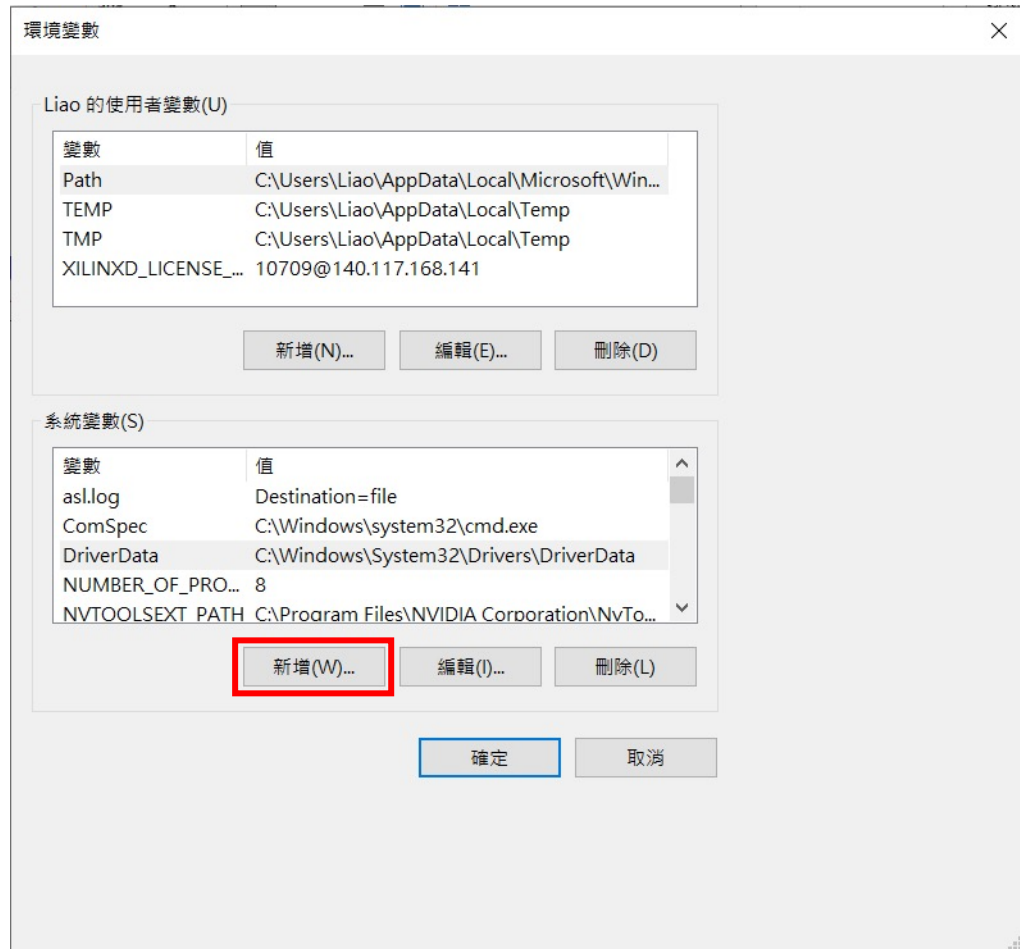
進入設定->關於->進階系統設定

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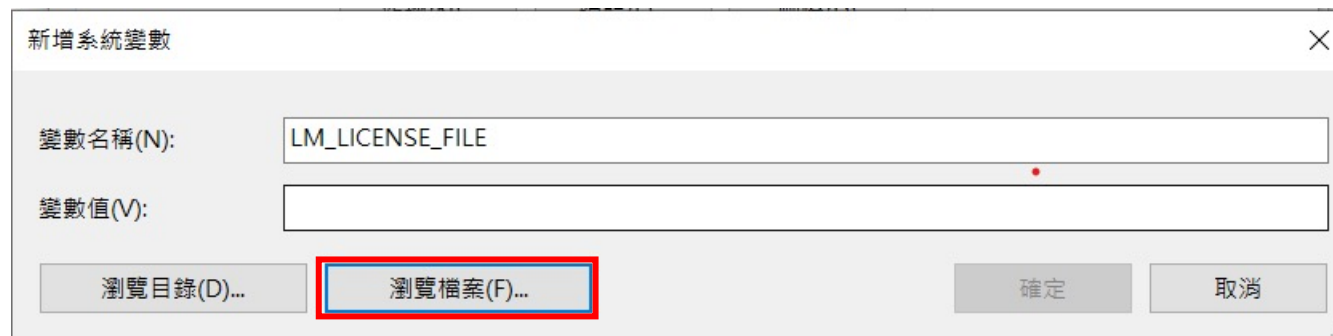
點擊 環境變數

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在 系統變數 處 點擊 新增

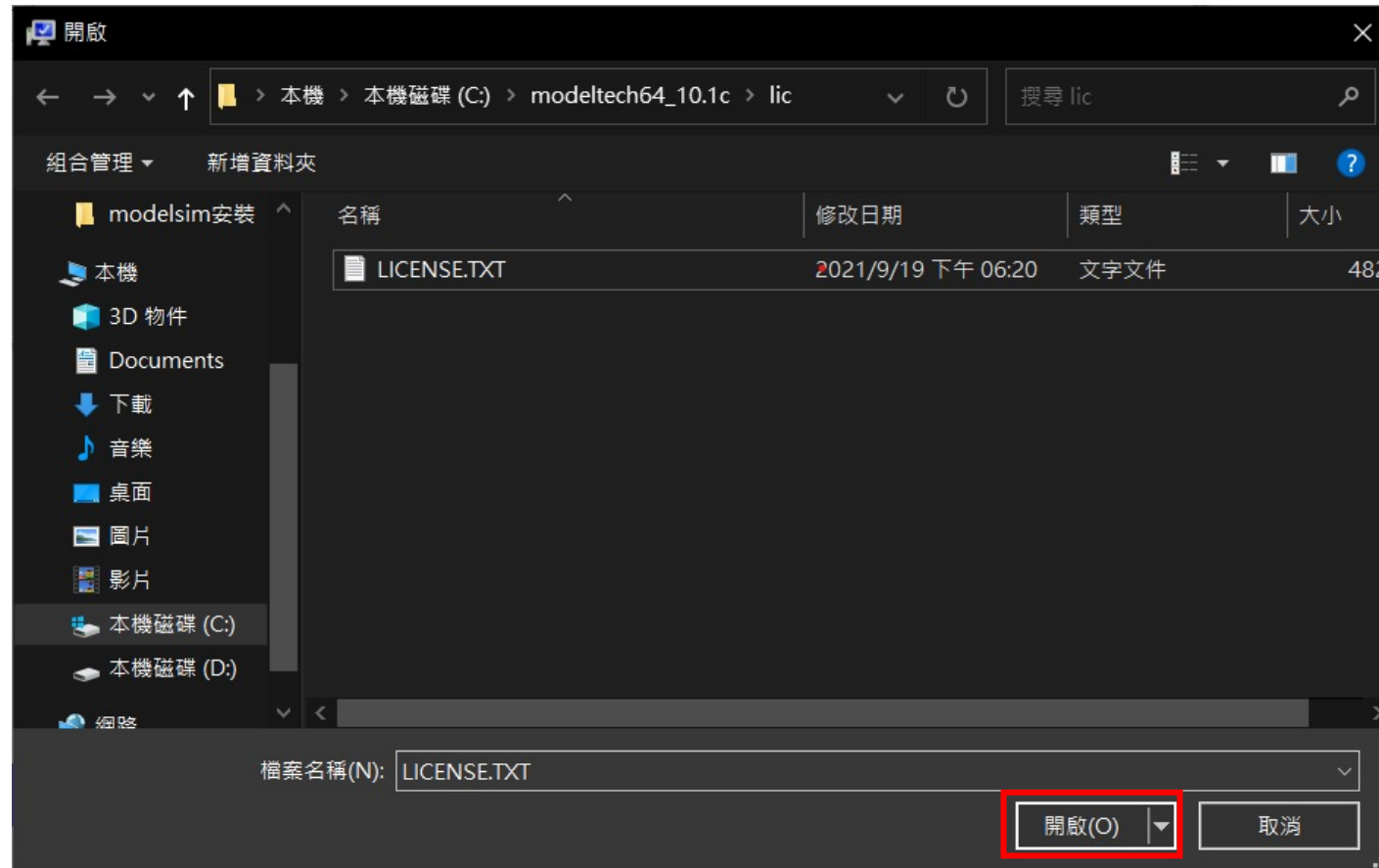
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變數名稱 必須 為 **LM_LICENSE_FILE**

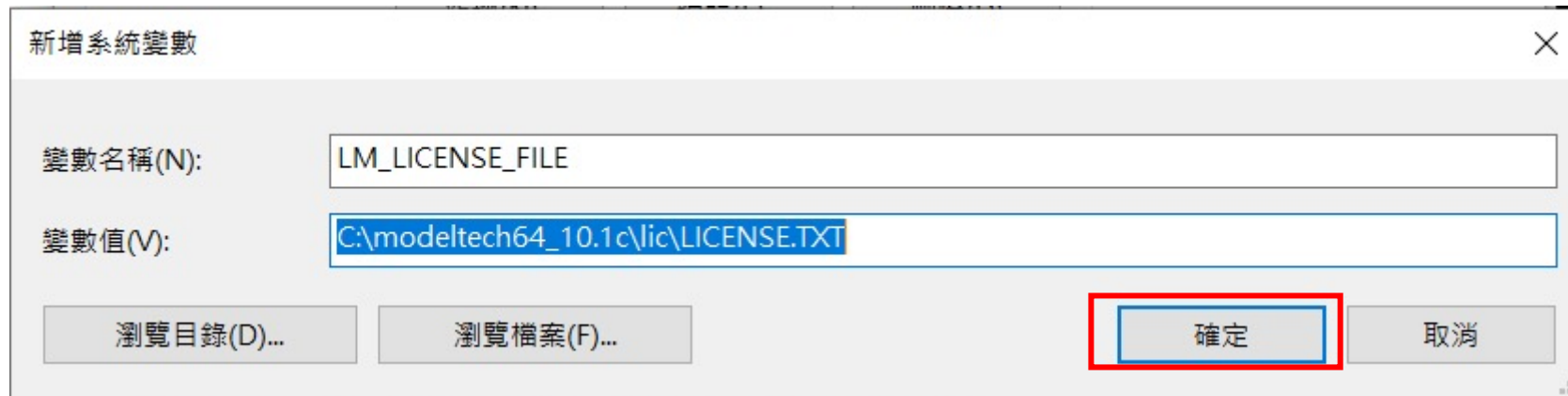
點擊瀏覽檔案

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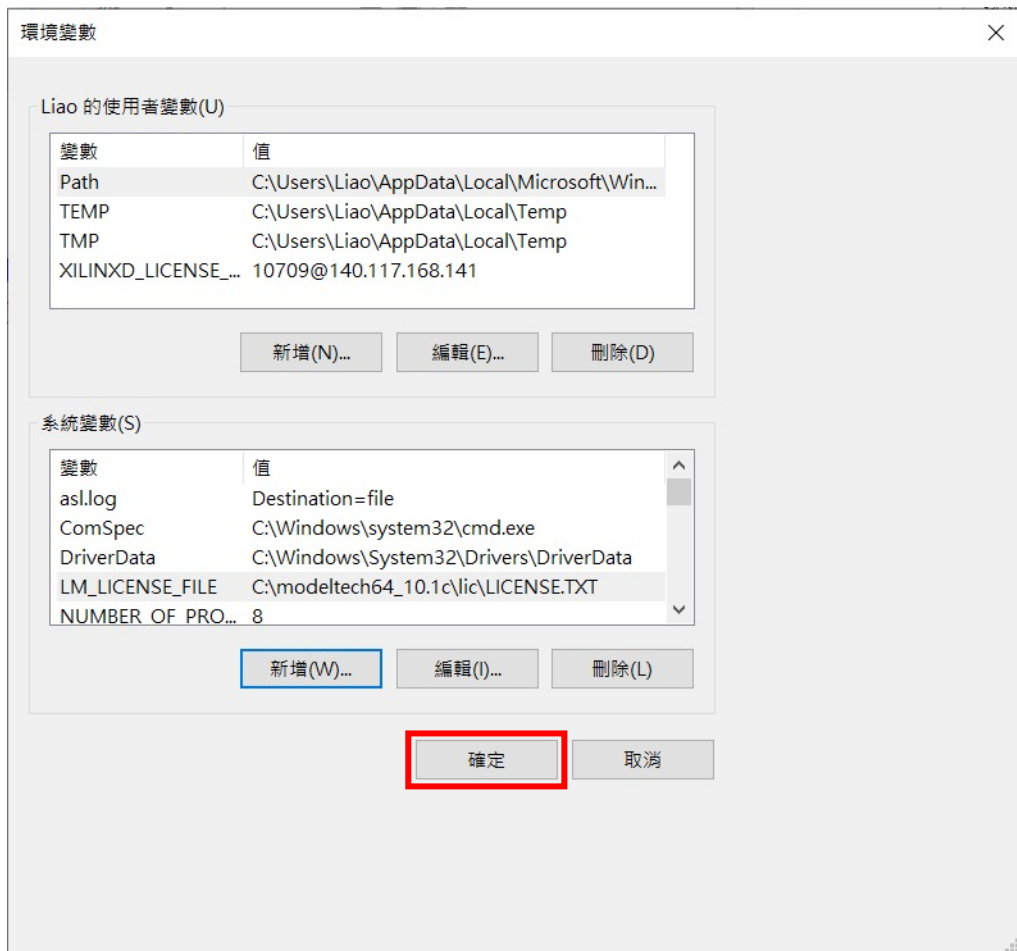
至 **C:/modeltech64_10.1c/lic** 下 選擇 **LICENSE.TXT** 並點選 **開啟**

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! ModelSim 設定完成 !