Tutorial 1 – Environment Installation

Install VirtualBox

VirtualBox Installation

- https://www.virtualbox.org/wiki/Downloads?fbclid=IwAR12O6-1e_Dg00CFt4xuChqjJSuGKQwgVZDZa3Ml-I2QojYsEq9ILe3bWLQ

VirtualBox Installation

VirtualBox Installation

VirtualBox Installation

Install Cygwin

Cygwin64 installation

- Go to https://cygwin.com/install.html

Cygwin

Get that Linux feeling - on Windows

Installing and Updating Cygwin Packages

Installing and Updating Cygwin for 64-bit versions of Windows

Run setup-x86_64.exe any time you want to update or install a Cygwin package for 64-bit windows. The signature for setup-x86_64.exe can be used to verify the validity of this binary.

Cygwin64 installation
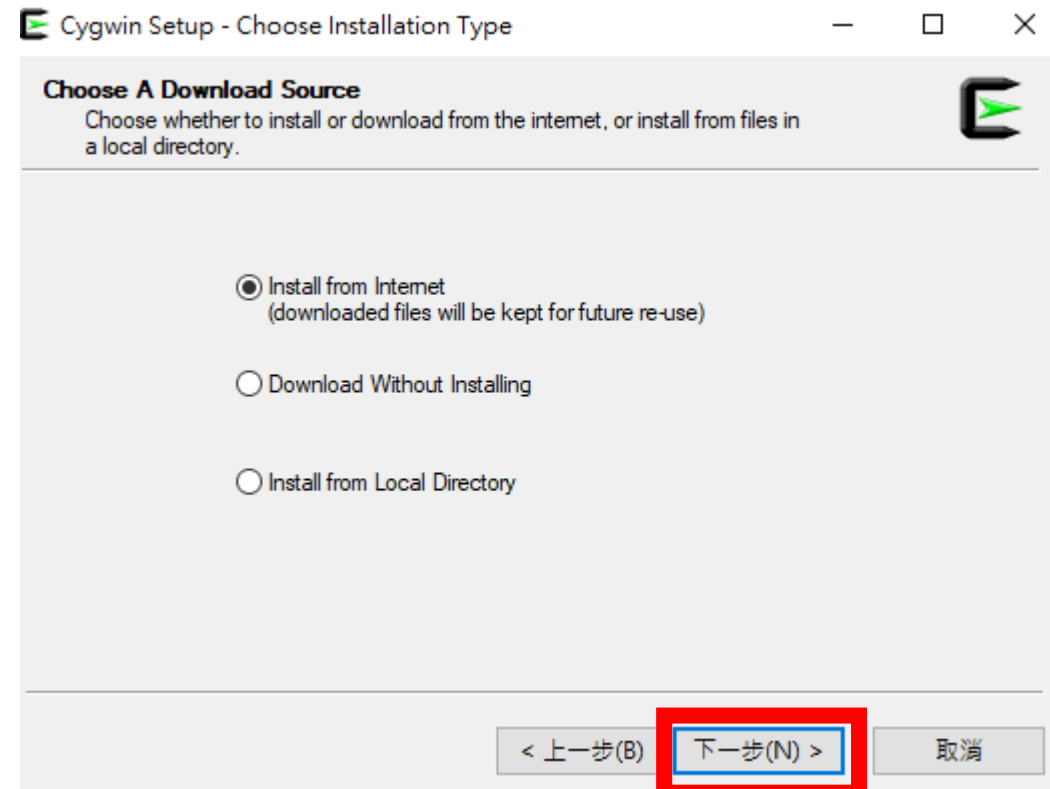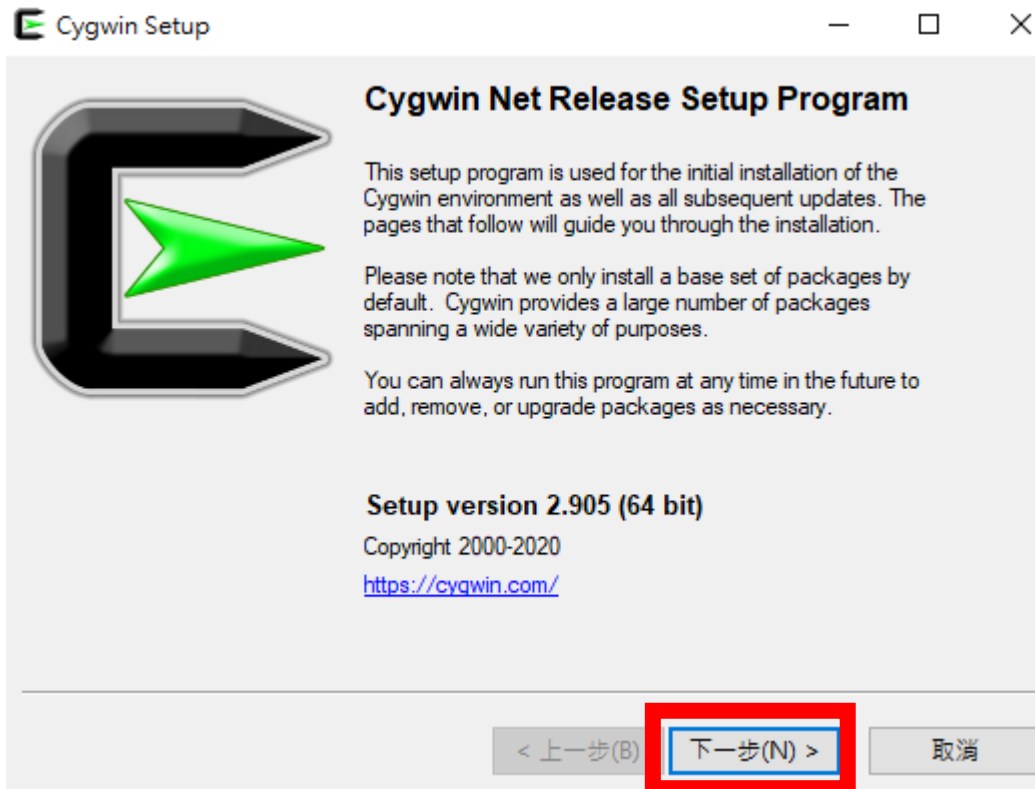
Cygwin64 installation
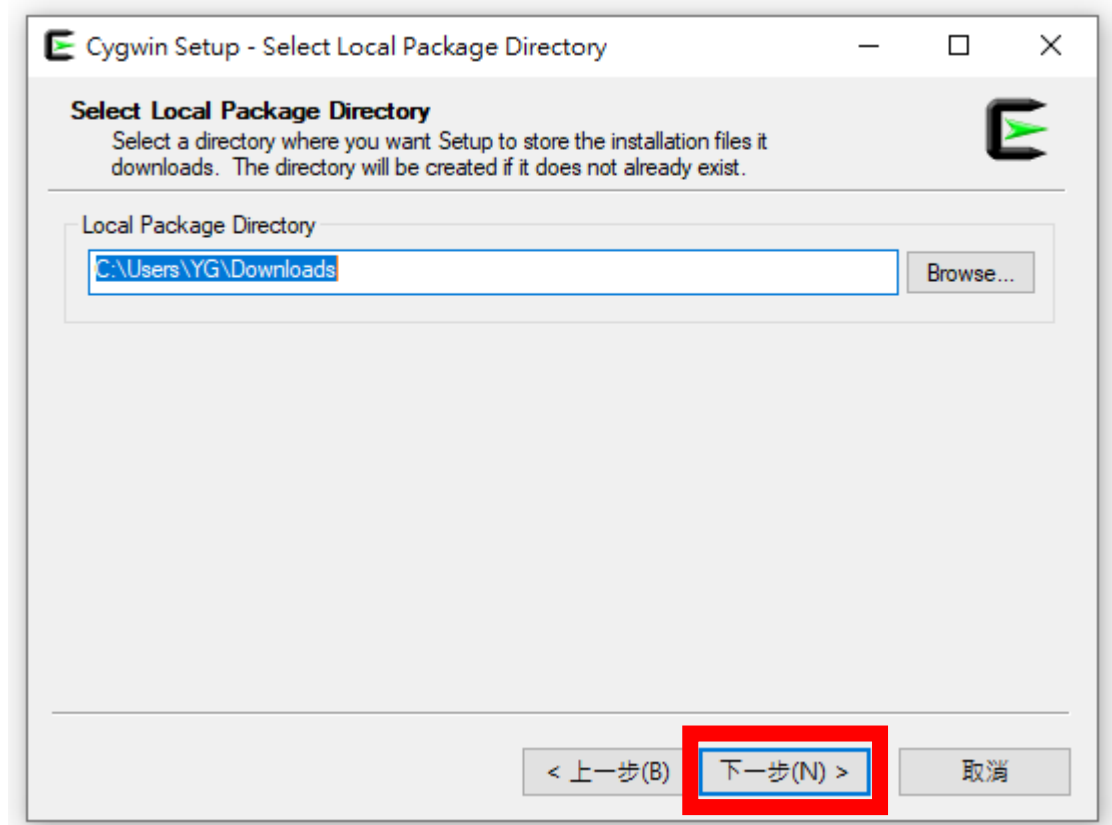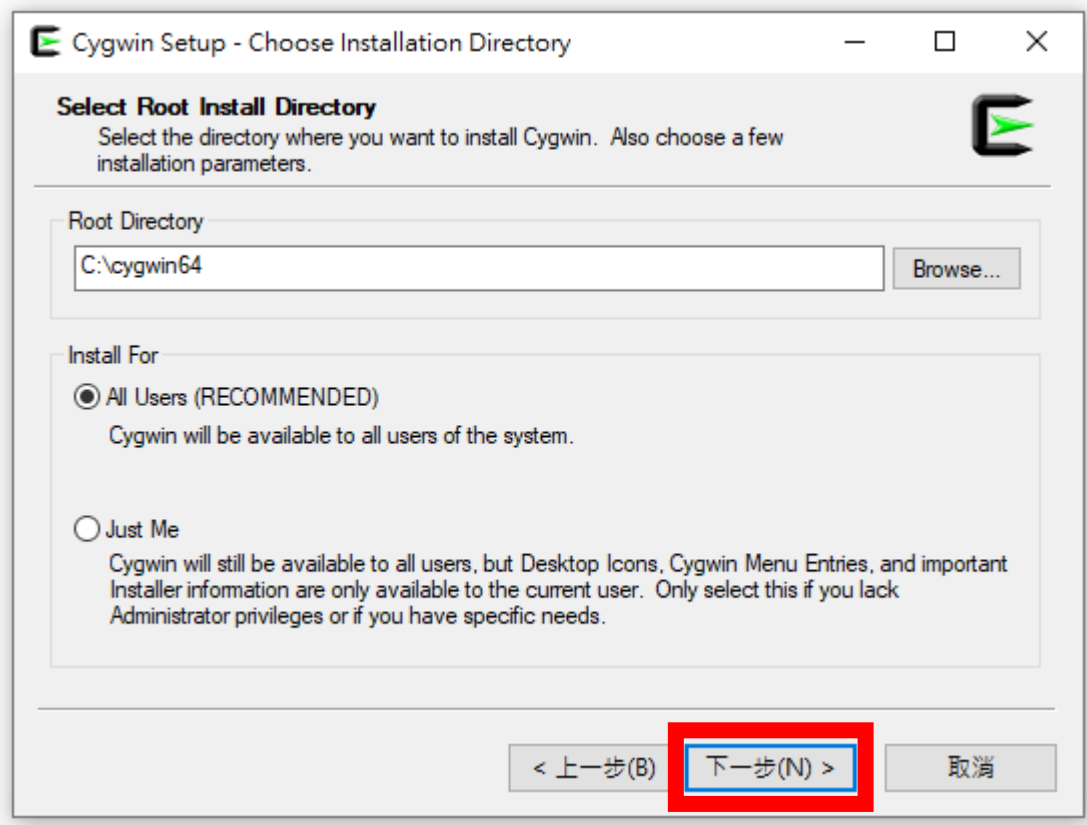
Cygwin64 installation

Cygwin64 installation

Search: git , xxd, make, unzip, curl

Cygwin64 installation

1. 按 ▼ 選擇最新版本

2. 打勾

3. 請重複以上步驟在Search的欄位依序搜尋: git, xxd, make, unzip, curl 且選擇版本&打勾

4. 上述完成後再按 下一步(N) >

Cygwin64 installation

Cygwin64 installation

Install Teraterm

Teraterm Installation

- Go to https://ttssh2.osdn.jp/index.html.en

Tera Term Home Page

[Project page] [License] [Download] [Document] [Snapshot] [SourceCode] [Users ML] [Commit ML] [Development]

8468346 (Today: 1067 Yesterday: 2515)
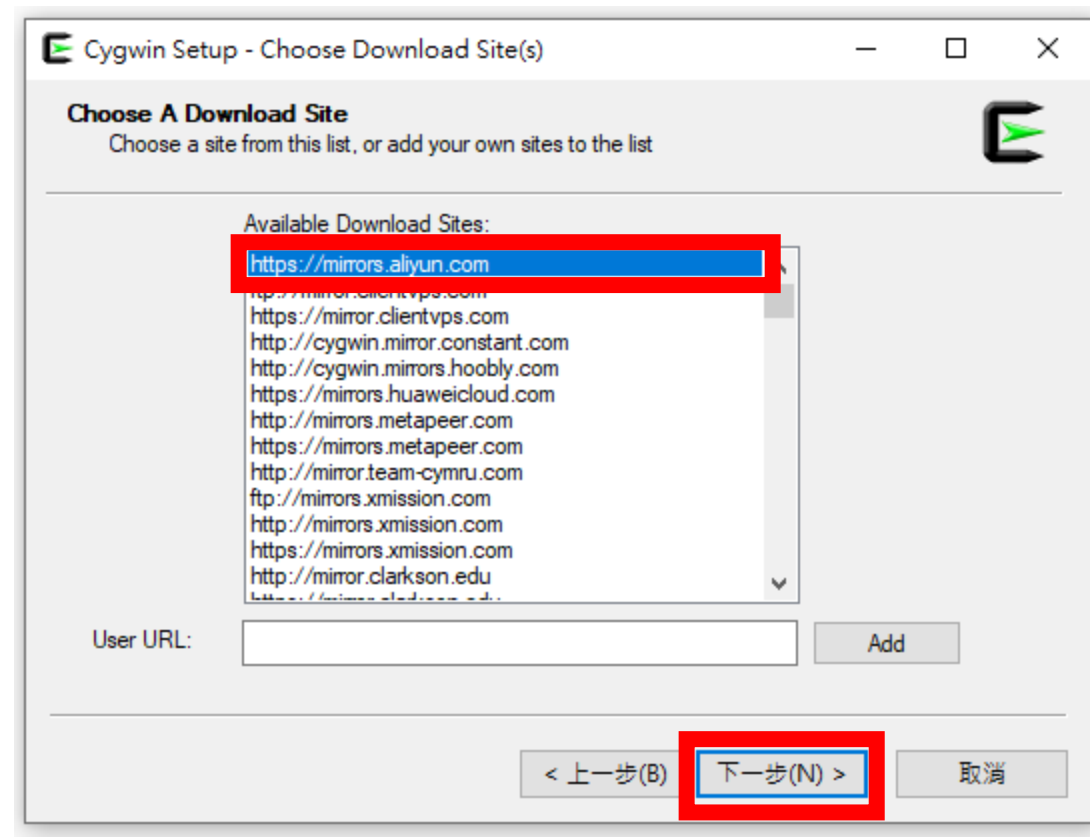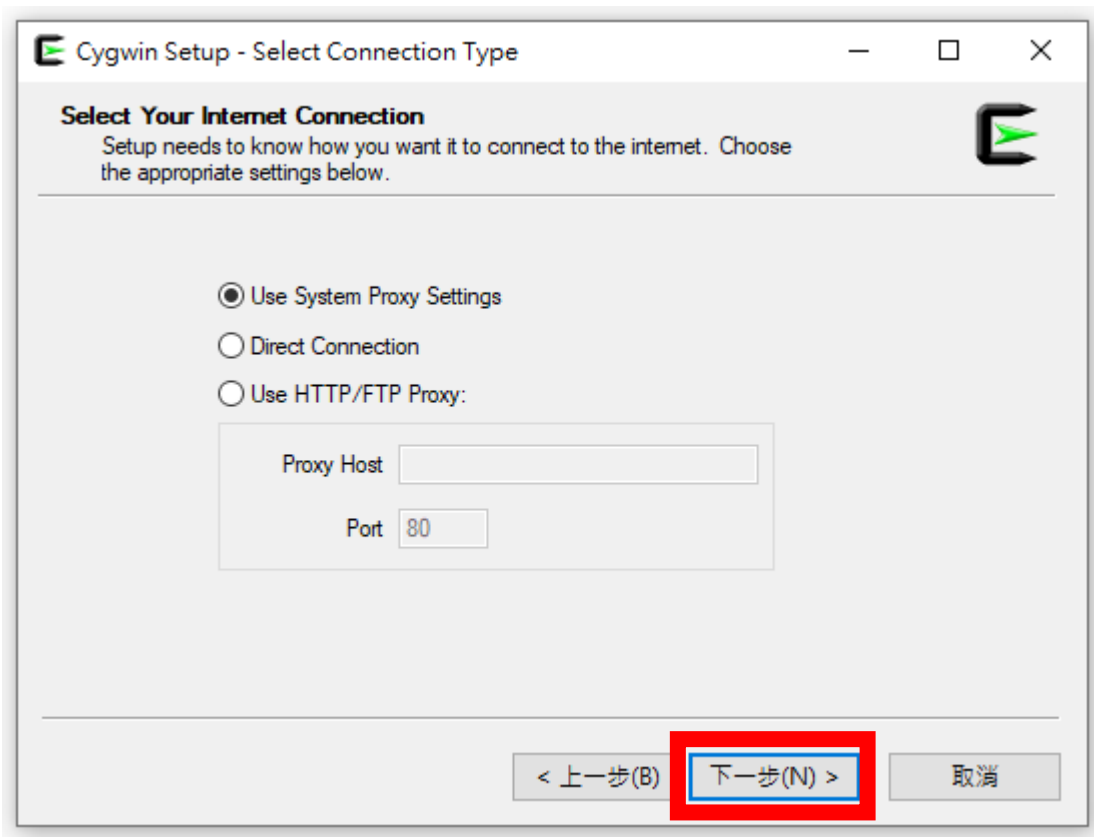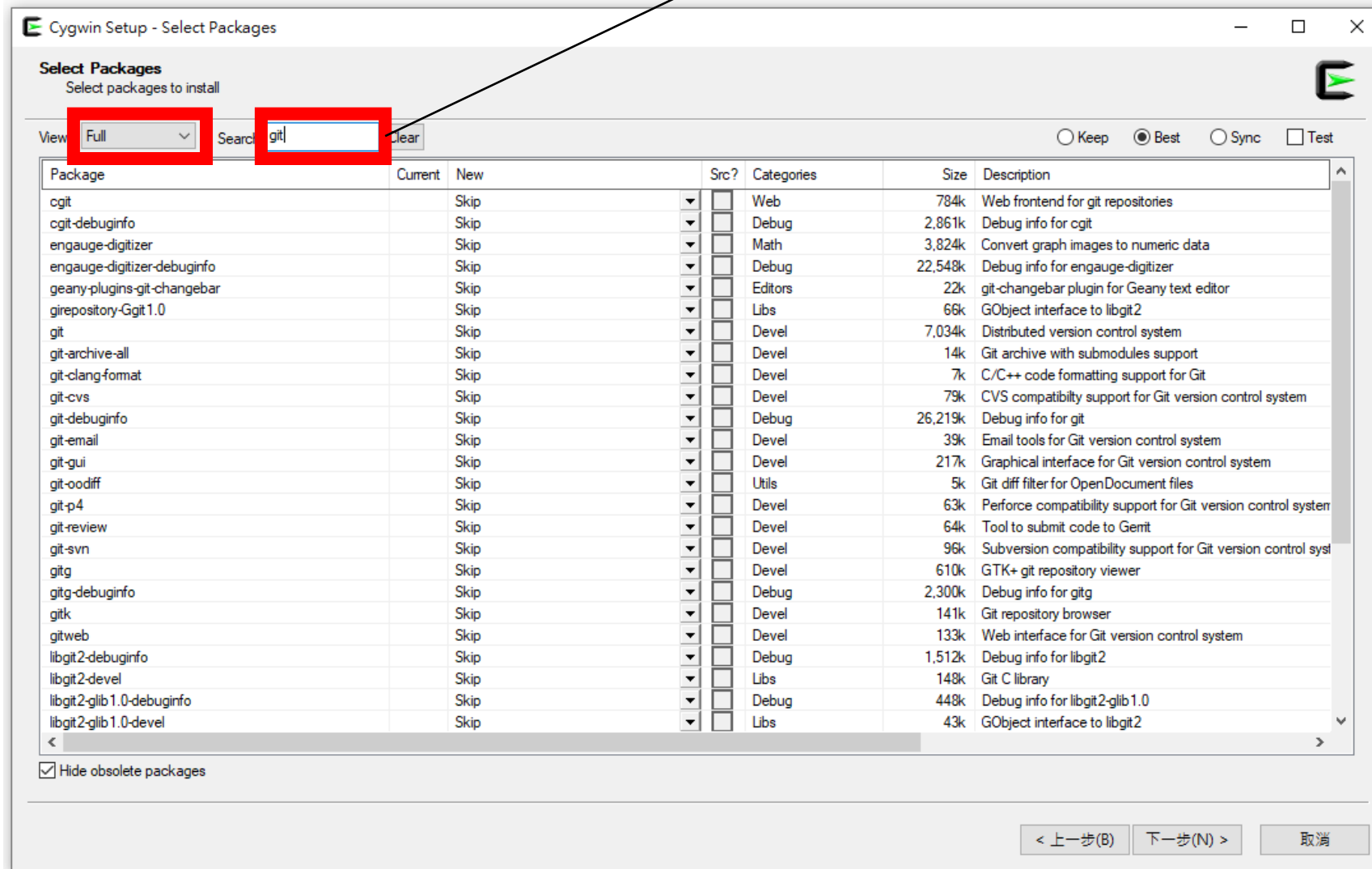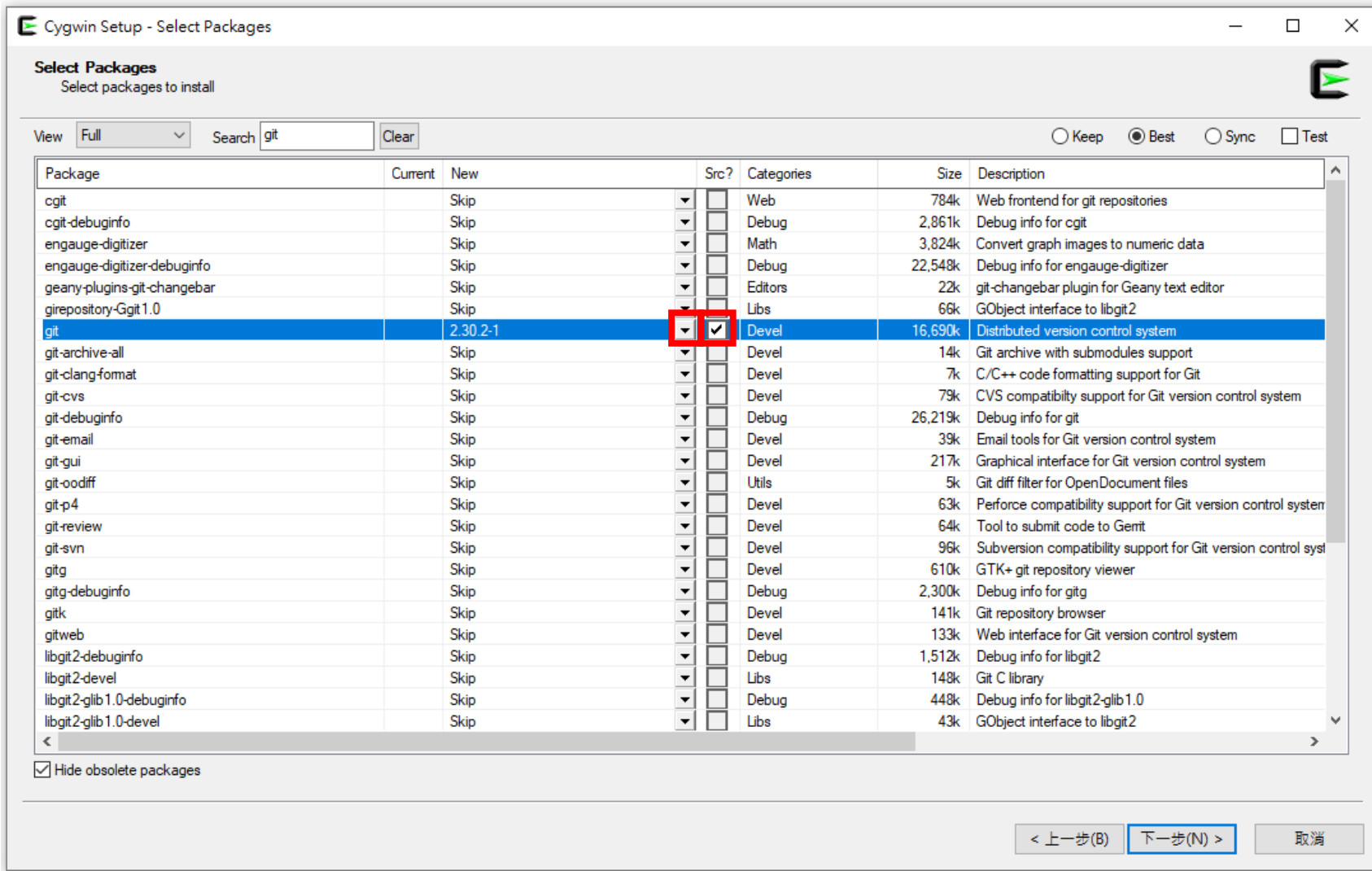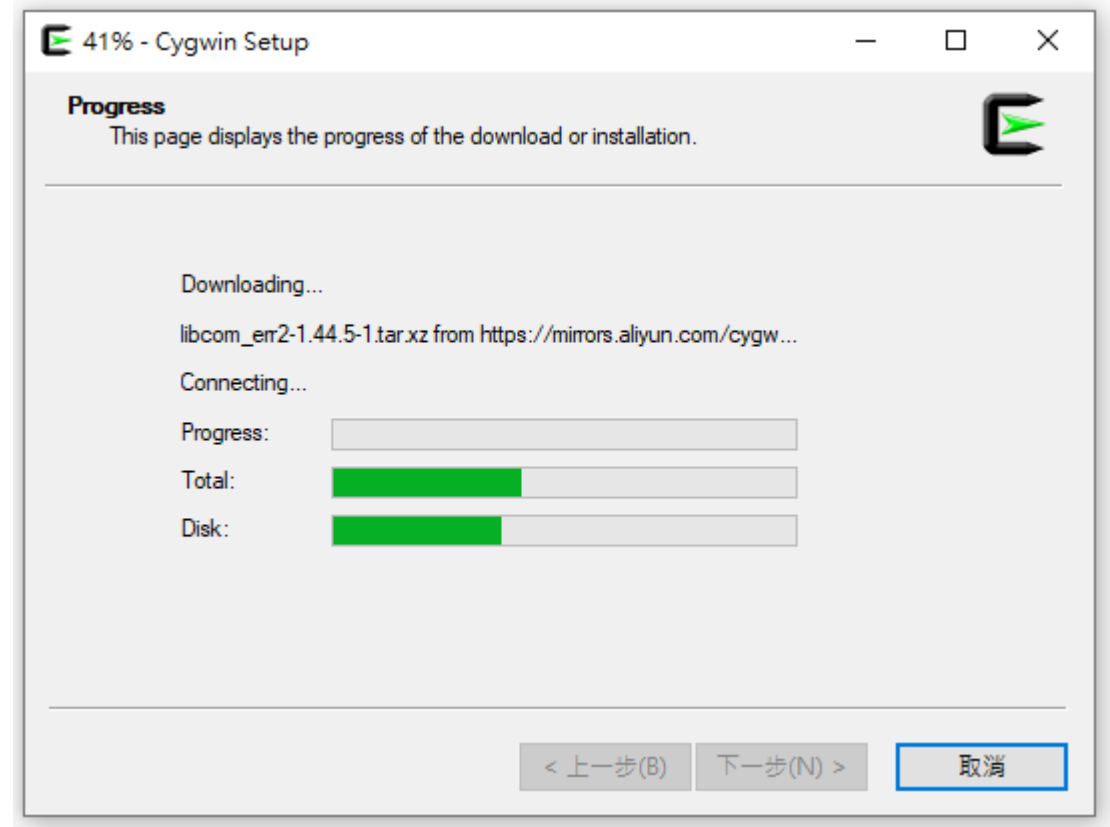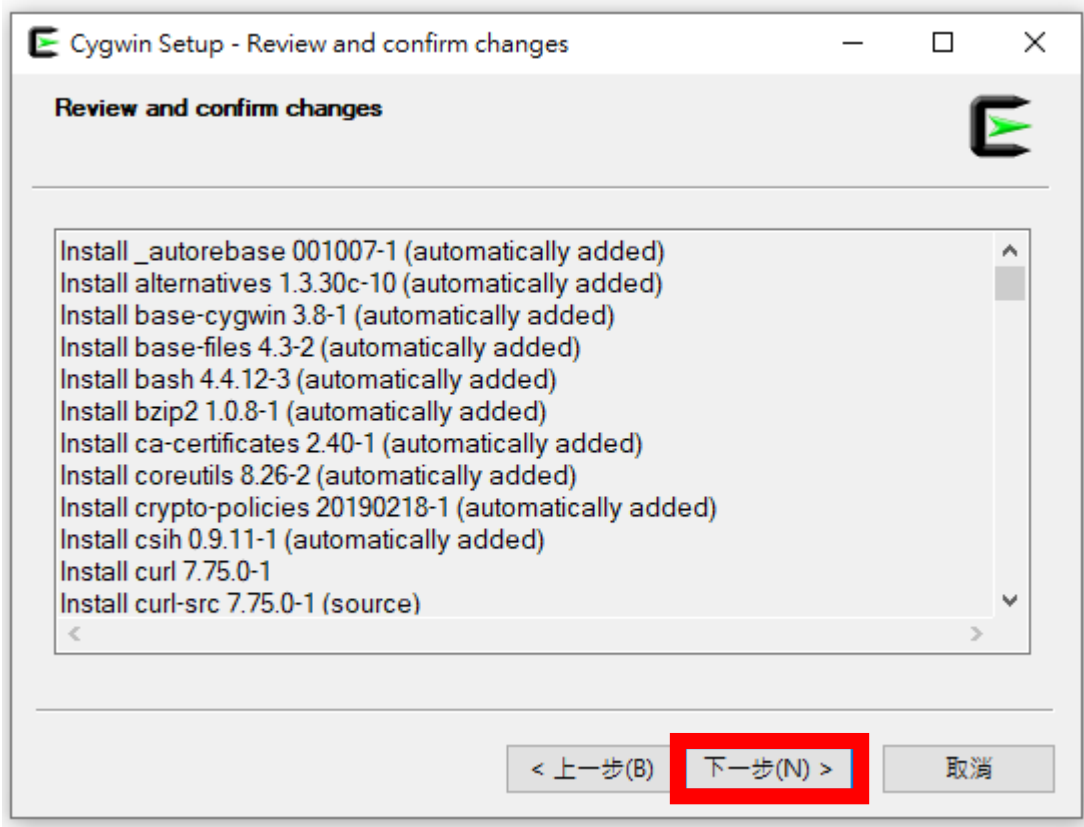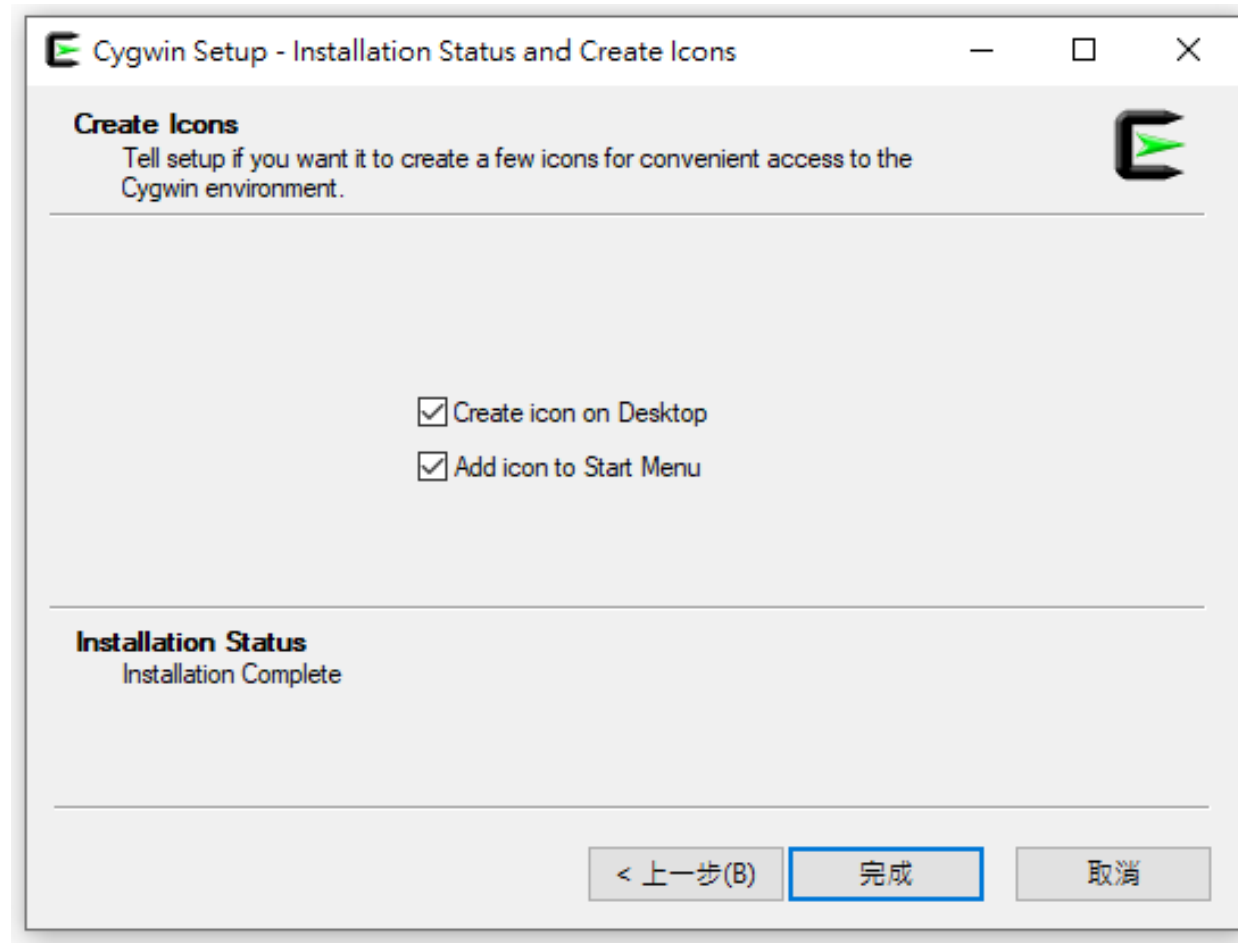
TeraTerm Project

TeraTerm Project would have been developed terminal emulator "Tera Term" and SSH module "TTSSH". This software is open source software in Project Page on OSDN.

Download

Latest version is available from OSDN download page. Current latest release is 4.105.

If you can get latest development version, the source code is available from SVN repository. And snapshot is here.
Here is the Old release, however we recommend using the latest release as possible.

Manual

Following manuals are available.
These manuals are the latest contents. New feature not including the release version will be written.
However, a user can check next version contents. Tera Term developer can preliminarily respond the user request.

Teraterm Installation

- Download teraterm-4 .105.exe

Download List

Project Description

Tera Term is Tera Term Pro 2.3 succession version and is being officially recognized by the original author. Tera Term is open source free software terminal emulat

System Requirements

Operating System: Windows 7, Windows 95/98/ME, Windows NT/2000

Download Package list

Tera Term (37 items Hide) %

4.105 (2 files Hide) %

Name

teraterm-4.105.exe %

teraterm-4.105.zip %
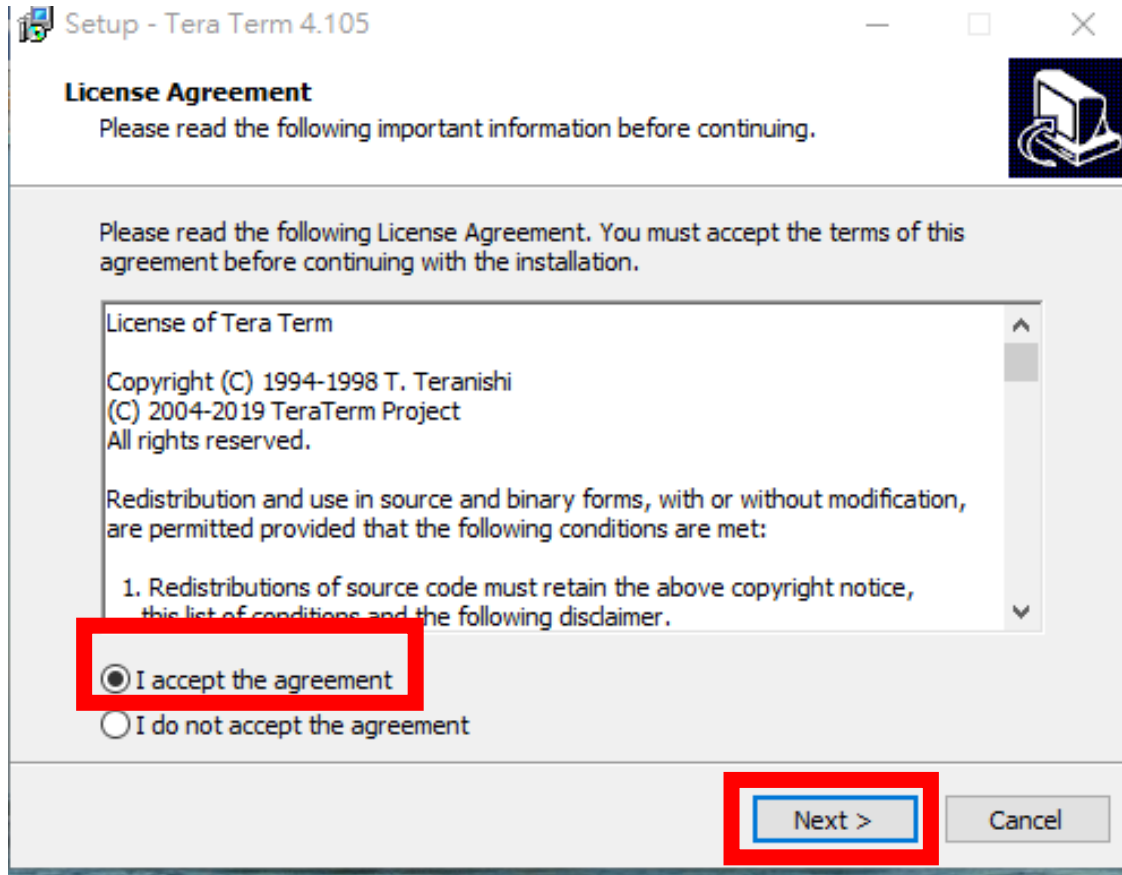
4.104 (2 files Show) %

4.103 (2 files Show) %

We use cookies to understand how you use our site and to improve your experience. By continuing to use our site, you accept our use of cookies, Privacy Policy and Terms of Use.

Accept   Privacy policy Term of Use
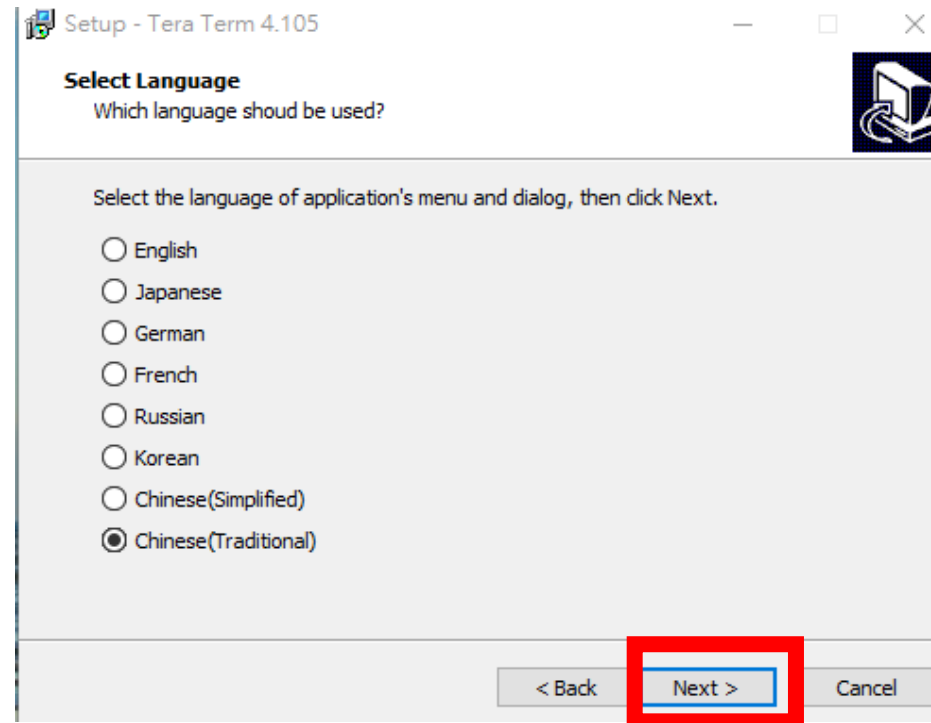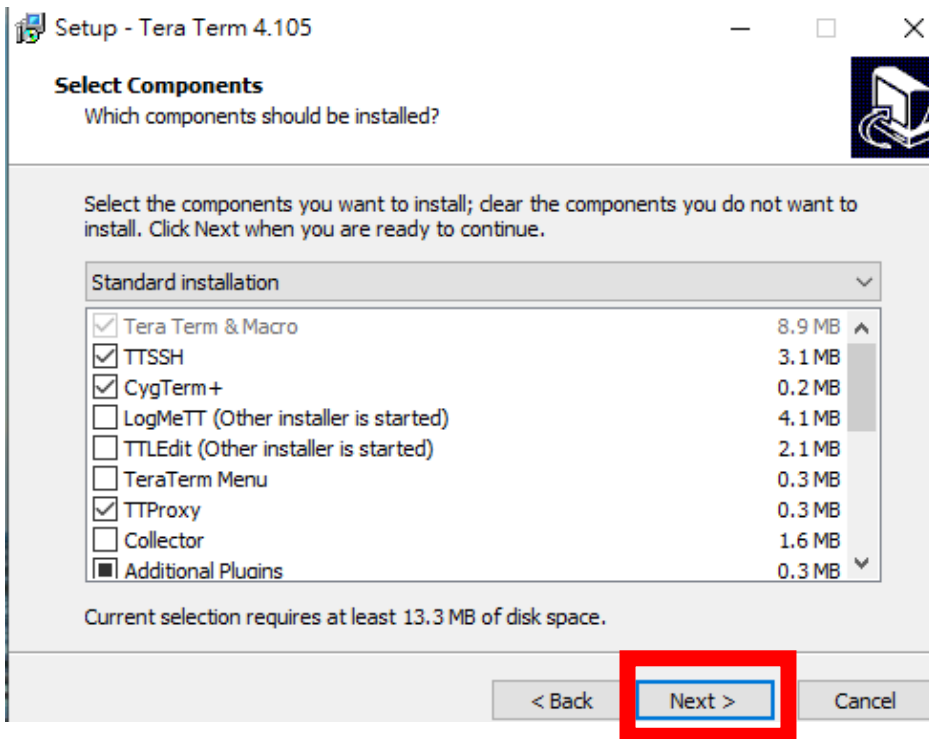
Teraterm Installation

- Accept the agreement after reading it and select next
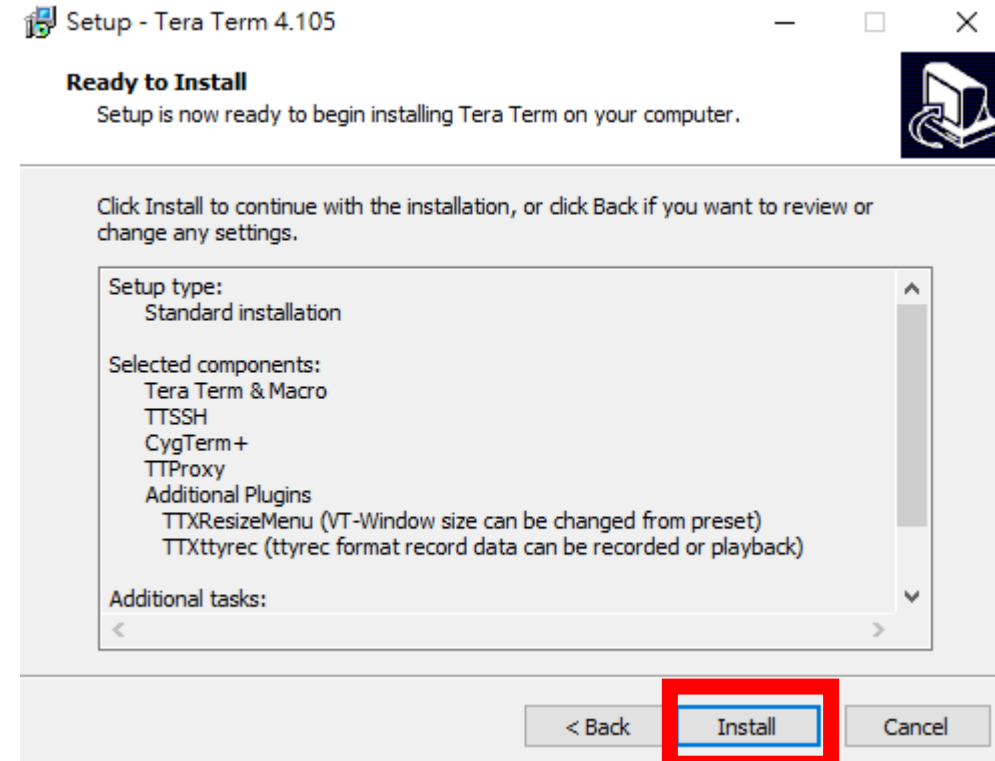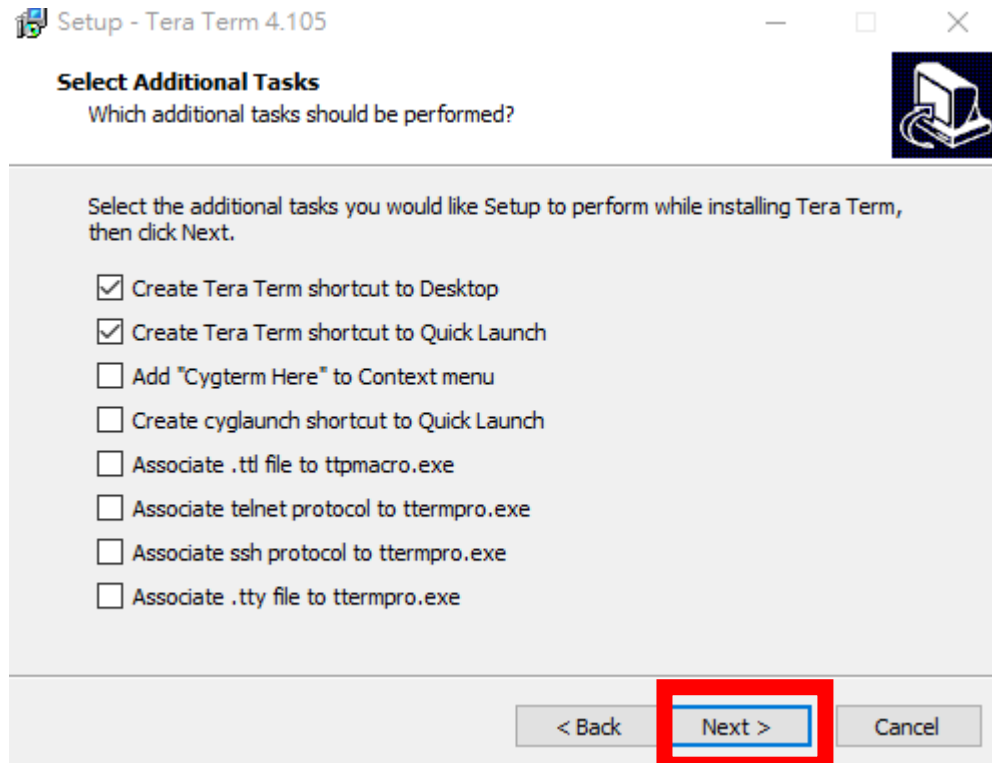
Teraterm Installation

- Keep selecting Next

English or Chinese(Traditional) is recommended in this workshop
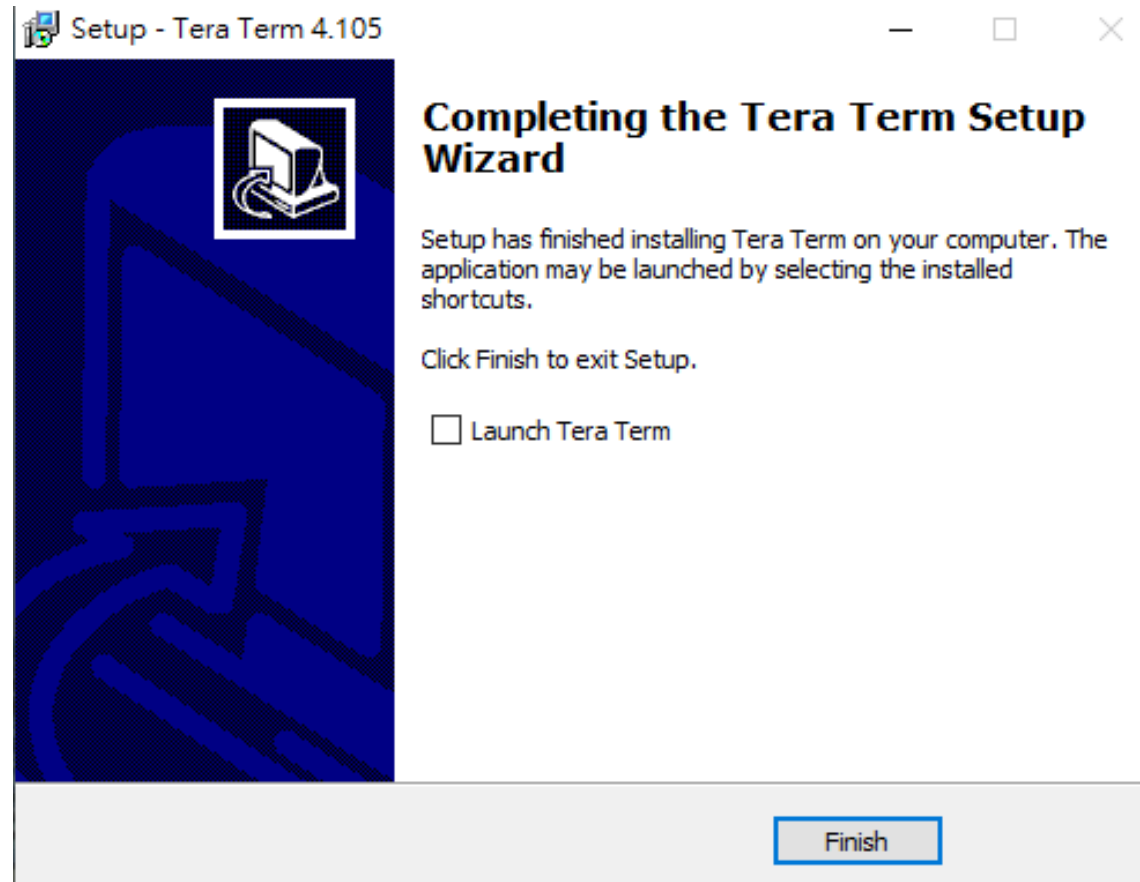
Teraterm Installation

- Keep selecting Next and install
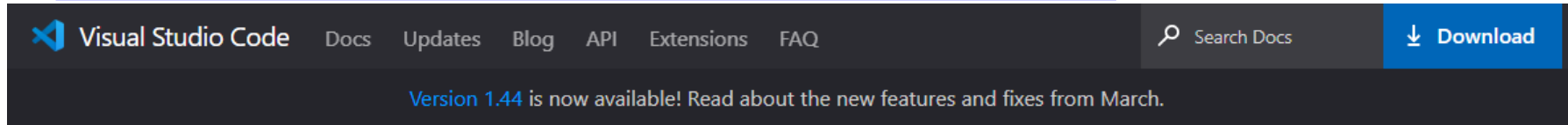
Teraterm Installation

- Done

Install VScode

Installation of VScode

- Step 1 – Go to download page of VScode :
  https://code.visualstudio.com/download

Installation of VScode

- Step 2 – Double click the installation file and press next

Installation of VScode

- Step 3 – Accept the contract and press next…

Installation of VScode

- Step 4 – Start to install…

Installation of VScode

- Step 5 – Press finish

Installation of VScode

- Step 6 – Try to open the VScode

Install ARC GNU ToolChain

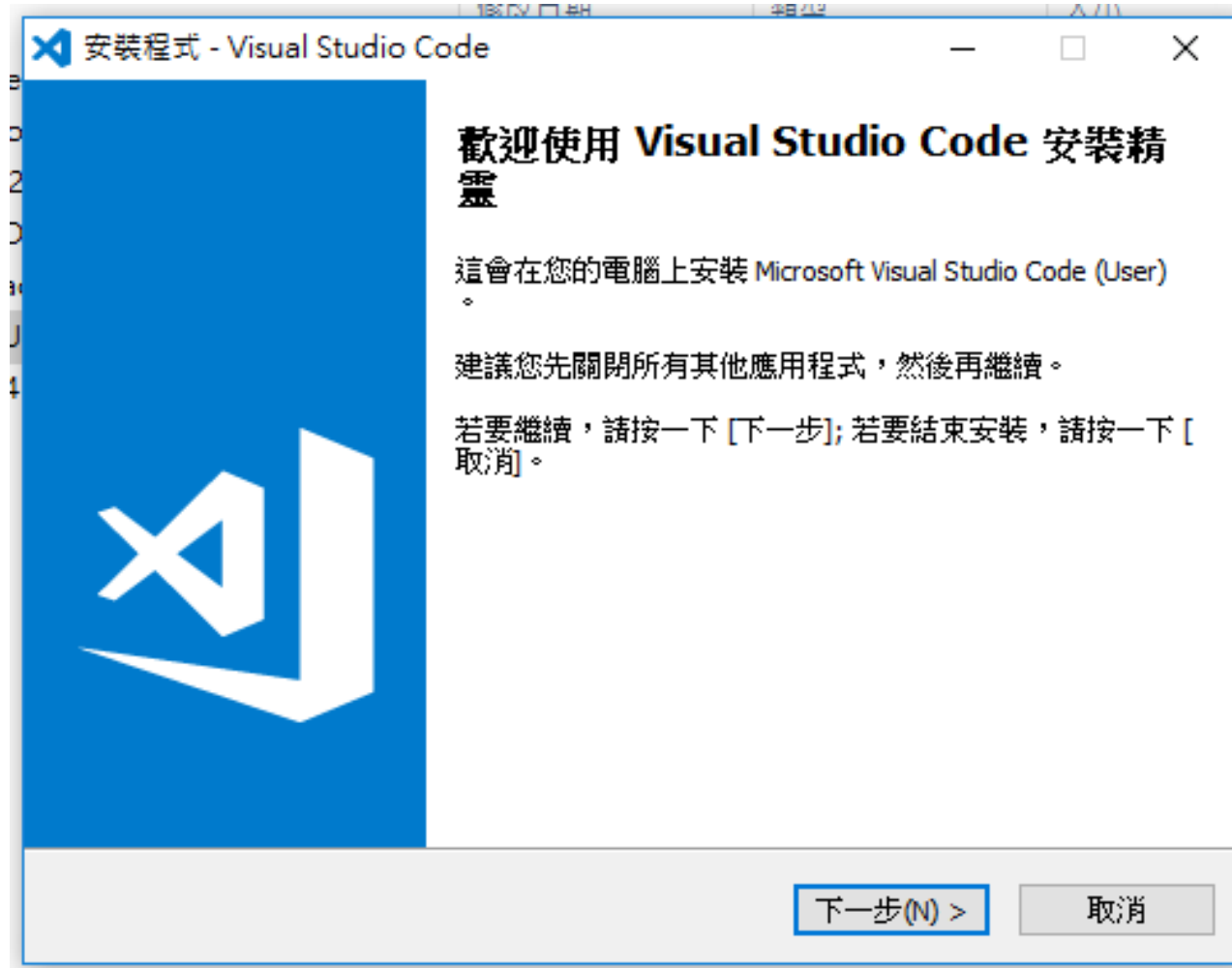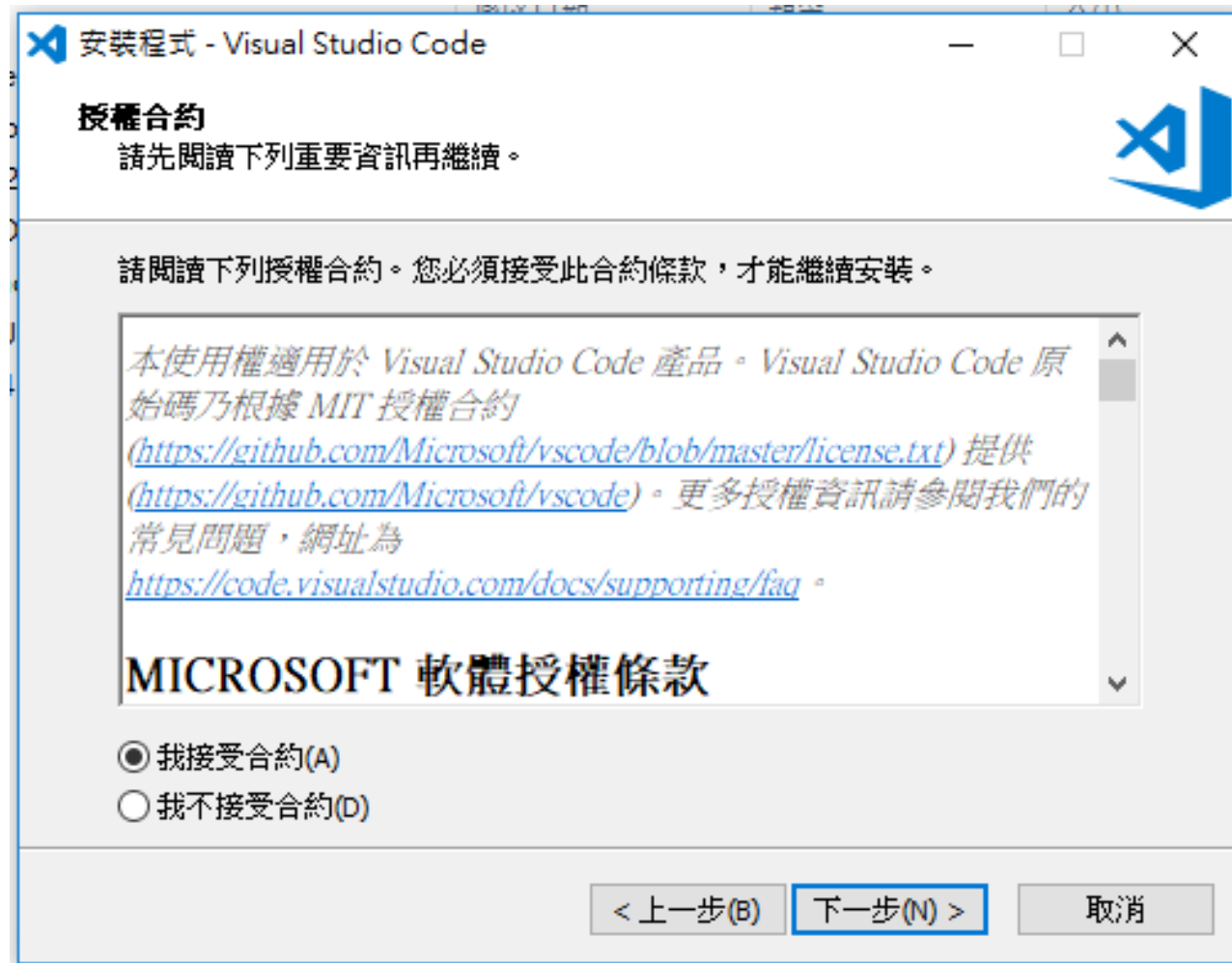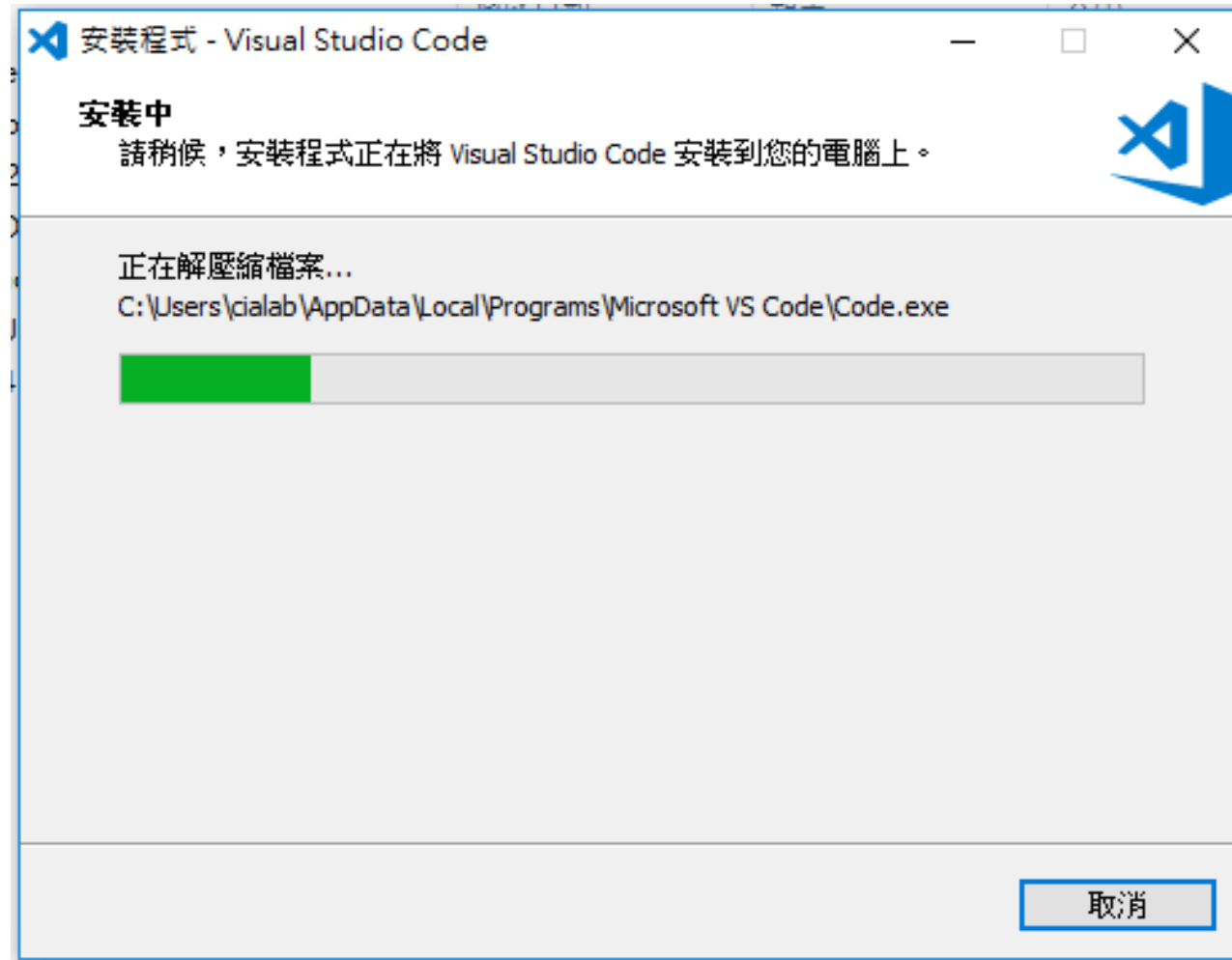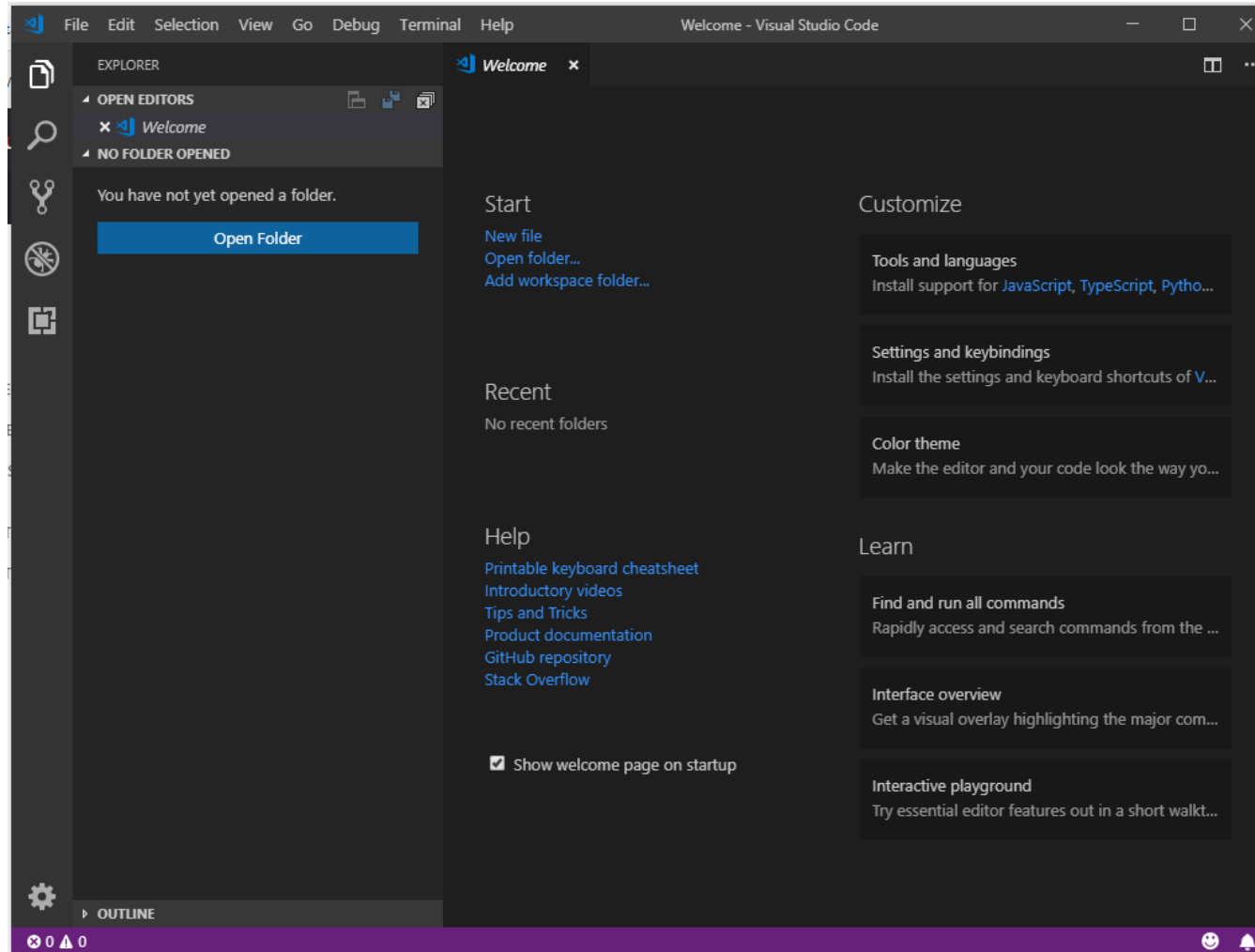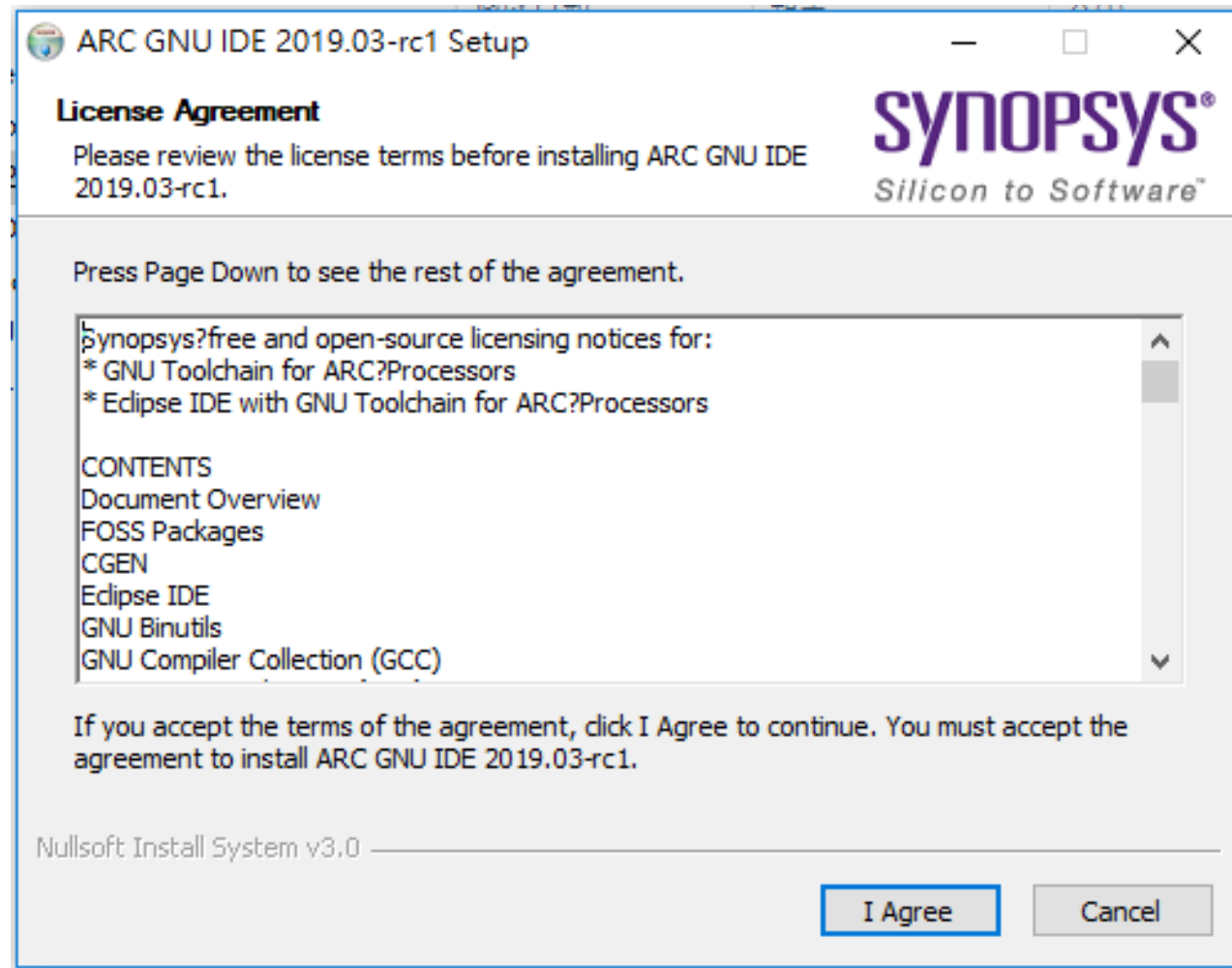# Installation of ARC GNU ToolChain

- Step 1 – Go to the download page :
  https://github.com/foss-for-synopsys-dwc-arc-processors/toolchain/releases/

	Linux x86_64	Windows x86_64	Linux ARC HS	macOS x86_64
Baremetal	Little endian \ Big endian			Little endian \ Big endian
Linux/uClibc ARC700	Little endian \ Big endian			
Linux/uClibc ARC HS	Little endian \ Big endian		Little endian	
Linux/glibc ARC HS	Little endian \ Big endian			
IDE	Download	Download		Download

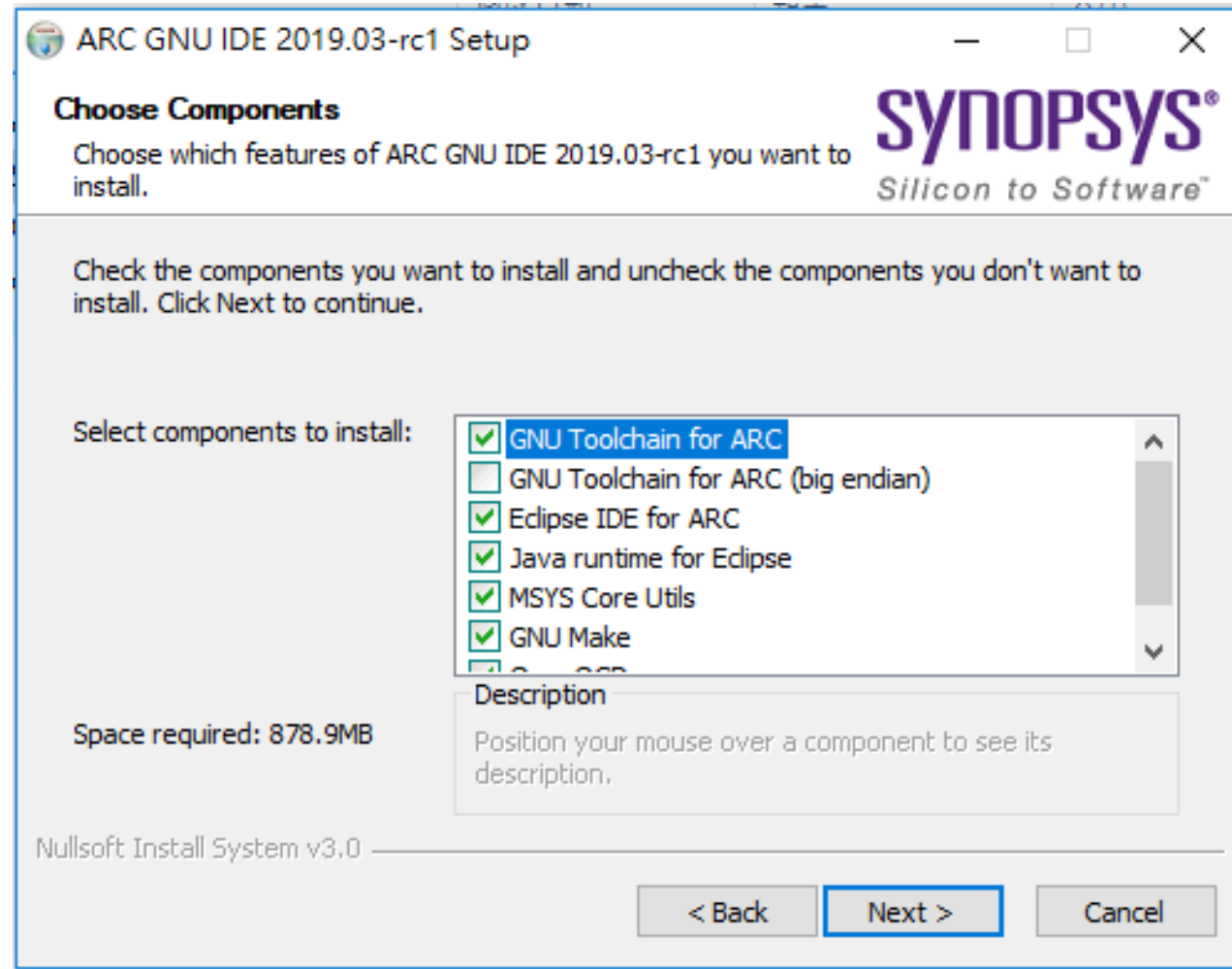# Installation of ARC GNU ToolChain

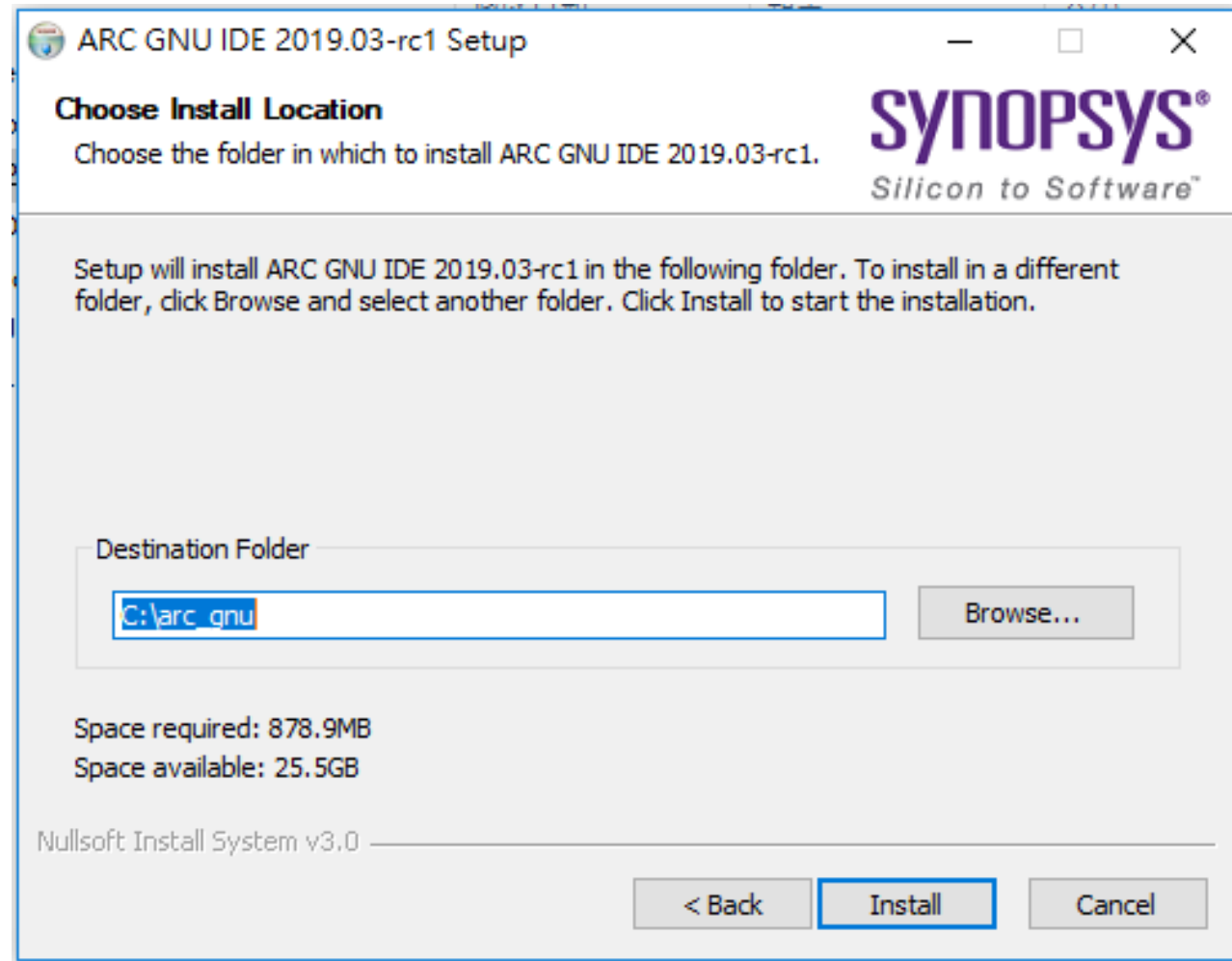- Step 2 – Double click the installation file and press I Agree

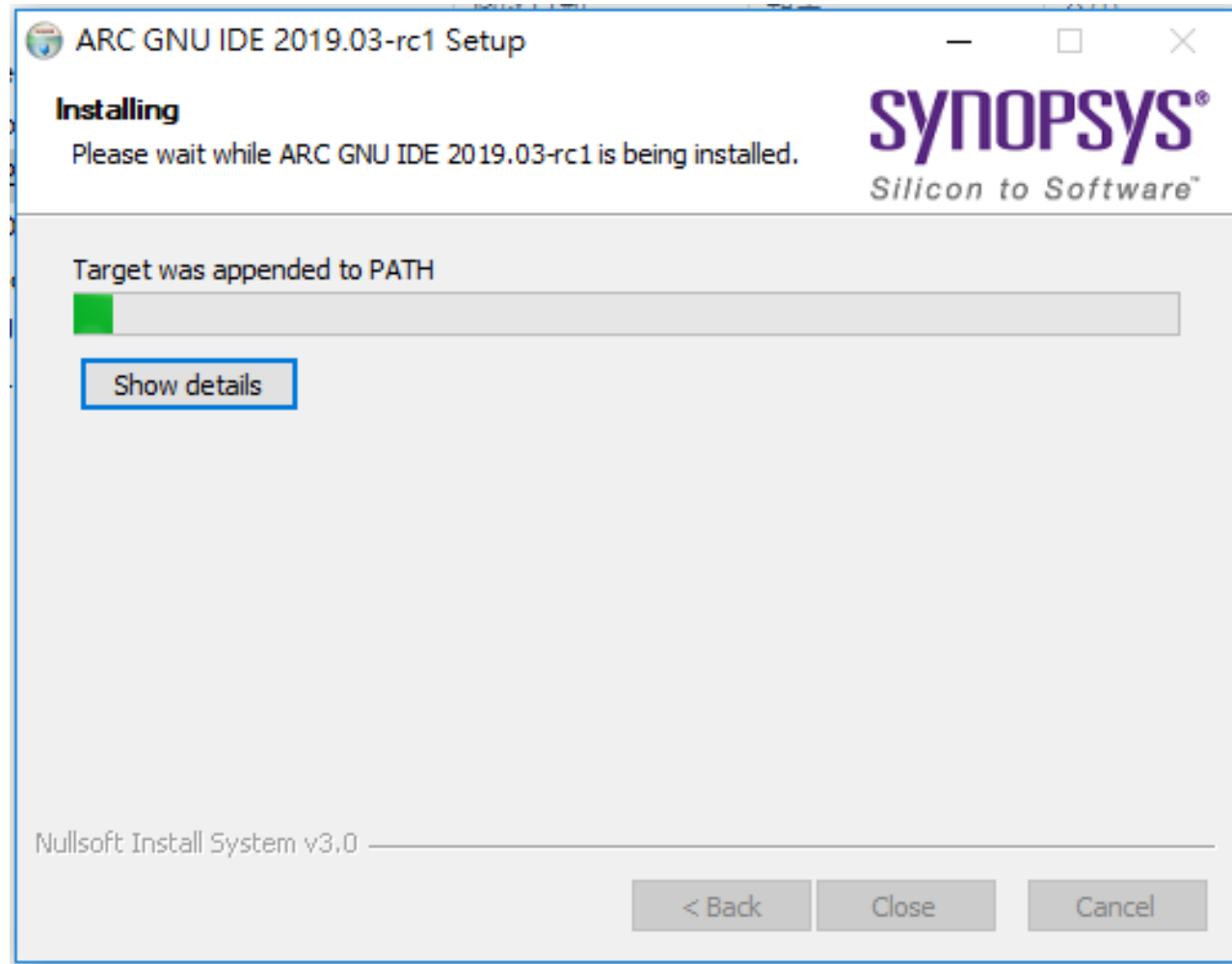# Installation of ARC GNU ToolChain

- Step 3 – Press Next

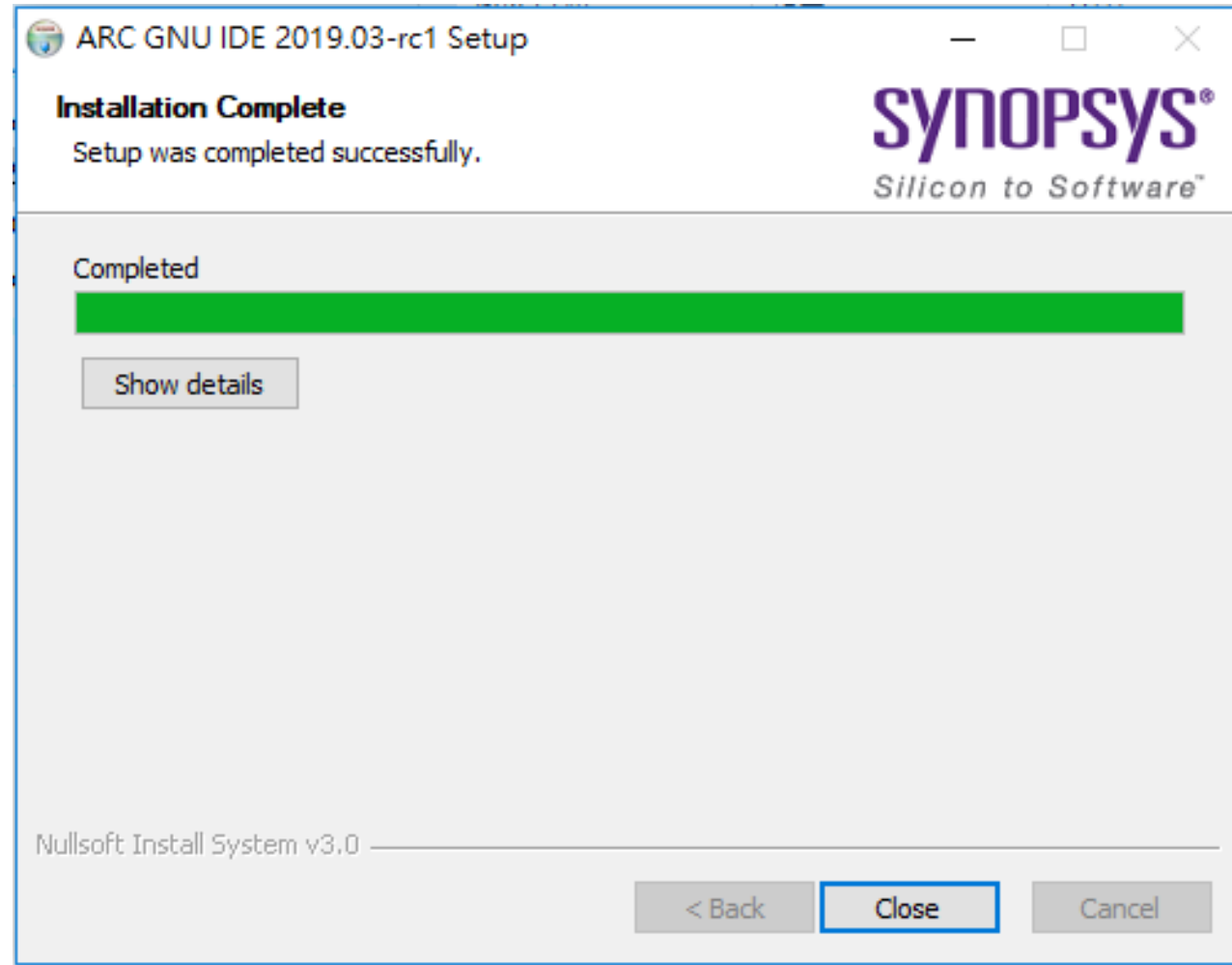# Installation of ARC GNU ToolChain

- Step 4 – Press Install

Installation of ARC GNU ToolChain

- Step 5 – Start to install…

Installation of ARC GNU ToolChain

- Step 6 - Press close and complete the installation

Appendix-1: Metaware Install

MetaWare Download

- 台灣學界人員可向TSRI申請MetaWare使用權限，申請流程可至TSRI網站，設計服務 > 軟體申請須知 進行查詢。
  https://www.tsri.org.tw/main.jsp

1. 請指導教授先完成申請TSRI會員，
   接著即可申請要使用之軟體，
   並且登錄欲要用該軟體之實驗室電腦IP。

2. 指導教授為TSRI會員後，學生可點選
   登入會員，接著選擇註冊帳號，填寫完
   相關資訊，並等待相關程序處理完畢。

MetaWare Download

- 進入TSRI 官網 https://www.tsri.org.tw/main.jsp
- 點選設計服務->軟體資訊/下載

MetaWare Download

- 點選軟體申請，跳至會員登入頁面，並完成登入動作

軟體簡介

軟體資訊

軟體簡介

軟體申請

IP登錄

聯絡窗口

名稱: MetaWare Development Toolkit

簡介:
軟體功能:
為因應國內學術界對ARC嵌入式軟體開發工具的需求，TSRI引進新思(Synopsys)公司的DesignWare MetaWare Toolkit軟體開發工具，開放給學術界免費申請使用

功能權限錯誤

您需要先 登入 才能使用此功能。

其他問題可以先參考 申請須知。

聯絡我們

新竹辦公室: 30078 新竹市科學園區展業一路26號
台南-成大奇美樓: 70101台南市大學路1號成功大學自強校區奇美樓7樓
最佳瀏覽解析度為1366*768以上

MetaWare Download

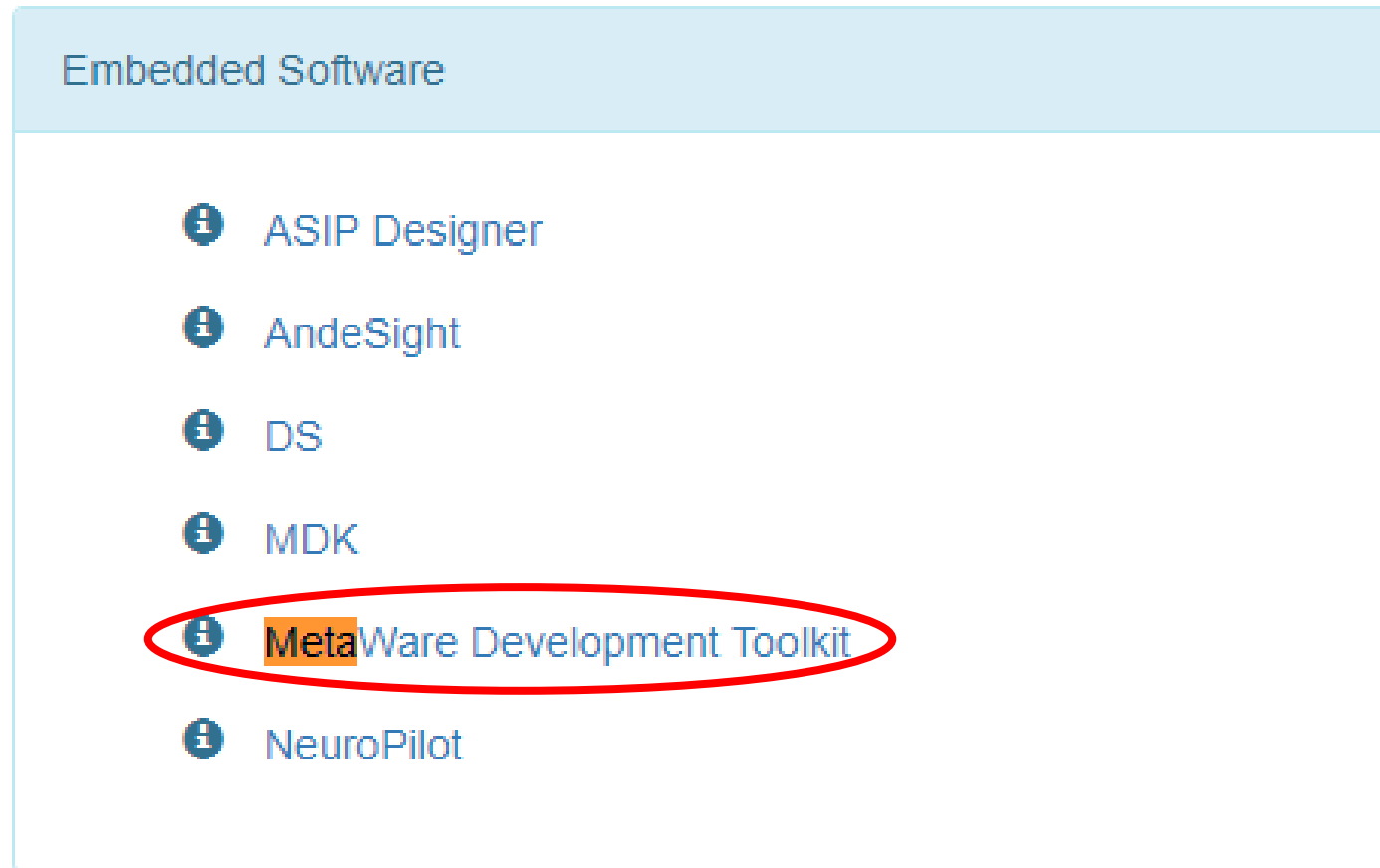- Ctrl+f 搜尋Meta
- 點選MetaWare Development Toolkit

MetaWare Download

- 點選軟體取得

MetaWare Download

- 下載mwev_... 以及 synopsys_caffe_...

License Setting

- 進入控制台->系統及安全性->系統->進階系統設定->
  ->環境變數->系統變數新增

調整電腦設定
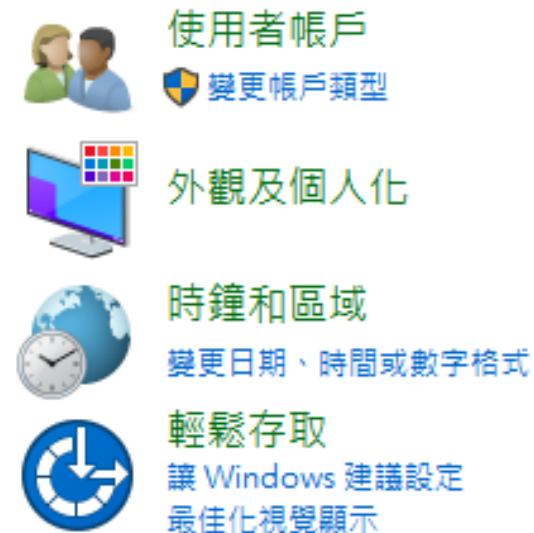
系統及安全性
檢閱您的電腦狀態
使用檔案歷程記錄來儲存檔案的備份副本
備份與還原 (Windows 7)

網路和網際網路
檢視網路狀態及工作

硬體和音效
檢視裝置和印表機
新增裝置

程式集
解除安裝程式

使用者帳戶
變更帳戶類型

外觀及個人化

時鐘和區域
變更日期、時間或數字格式

輕鬆存取
讓 Windows 建議設定
最佳化視覺顯示

檢視:

License Setting

License Setting
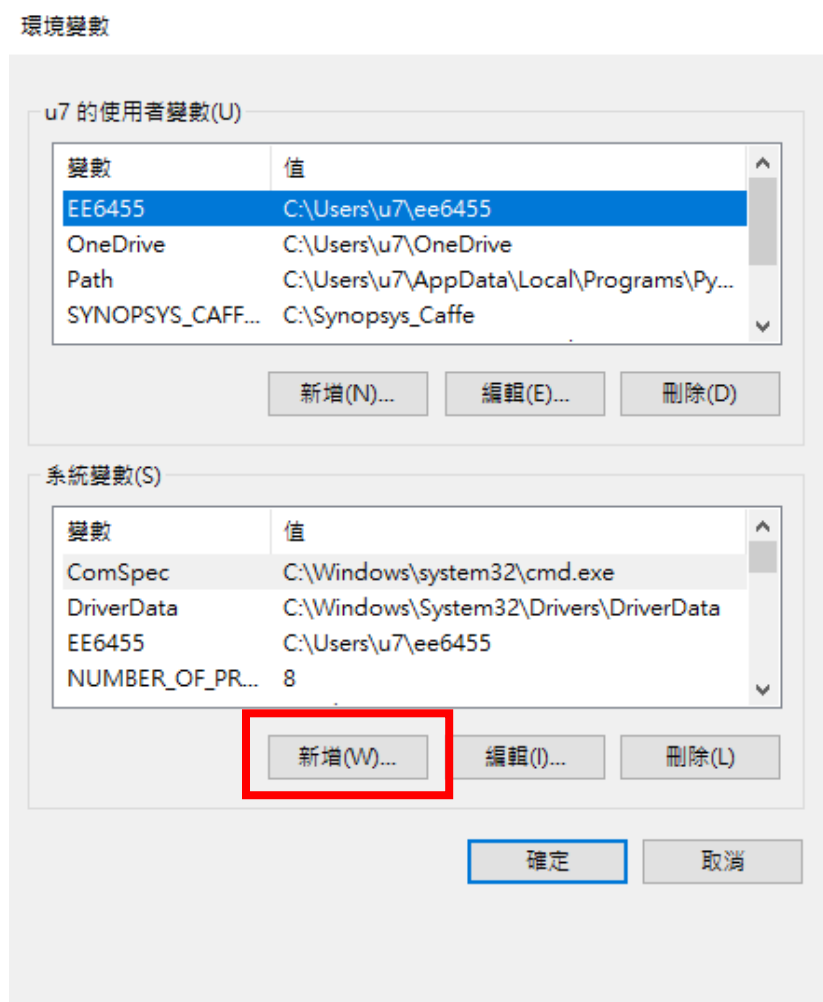
License Setting

License Setting

- 變數名稱:SNPSLMD_LICENSE_FILE
- 變數值:26585@lscic.cic.org.tw
- 輸入完成後按下確定

新增系統變數 ☒

變數名稱(N): SNPSLMD_LICENSE_FILE
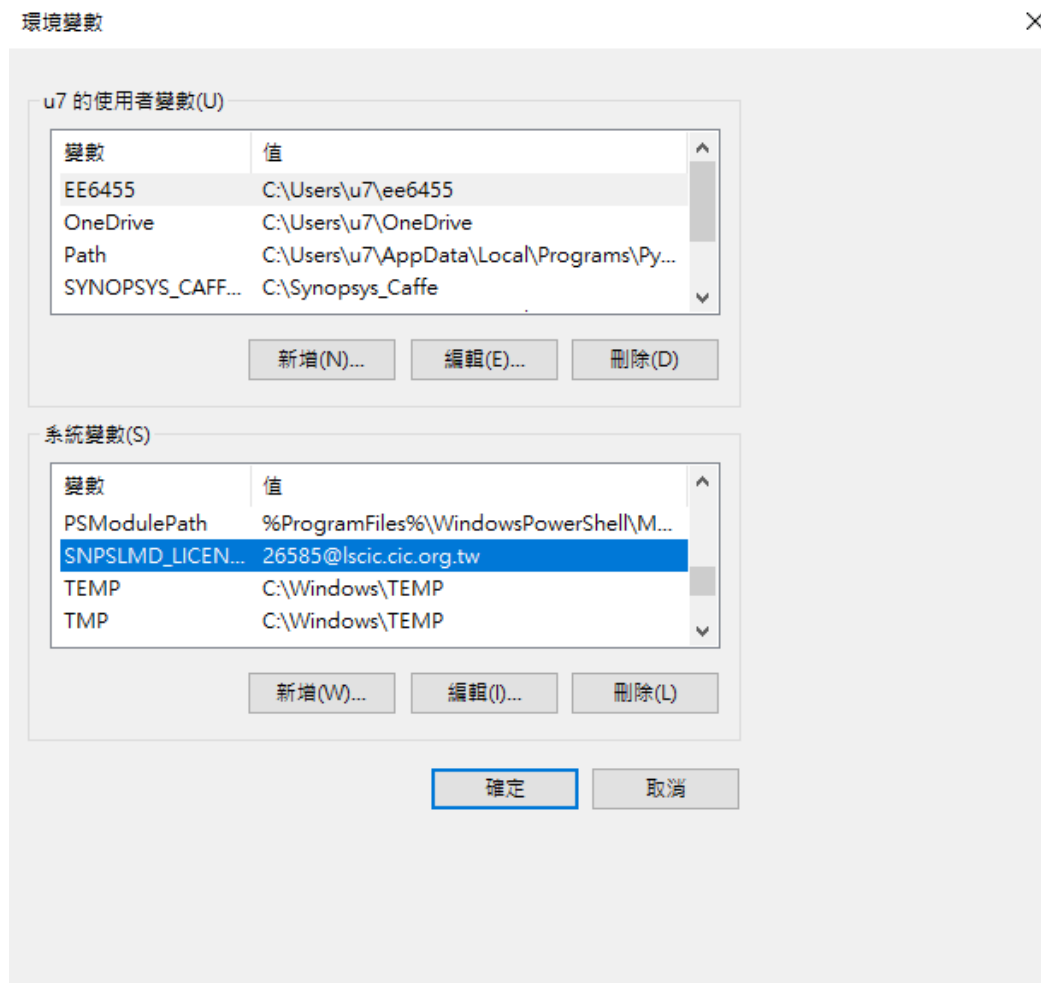
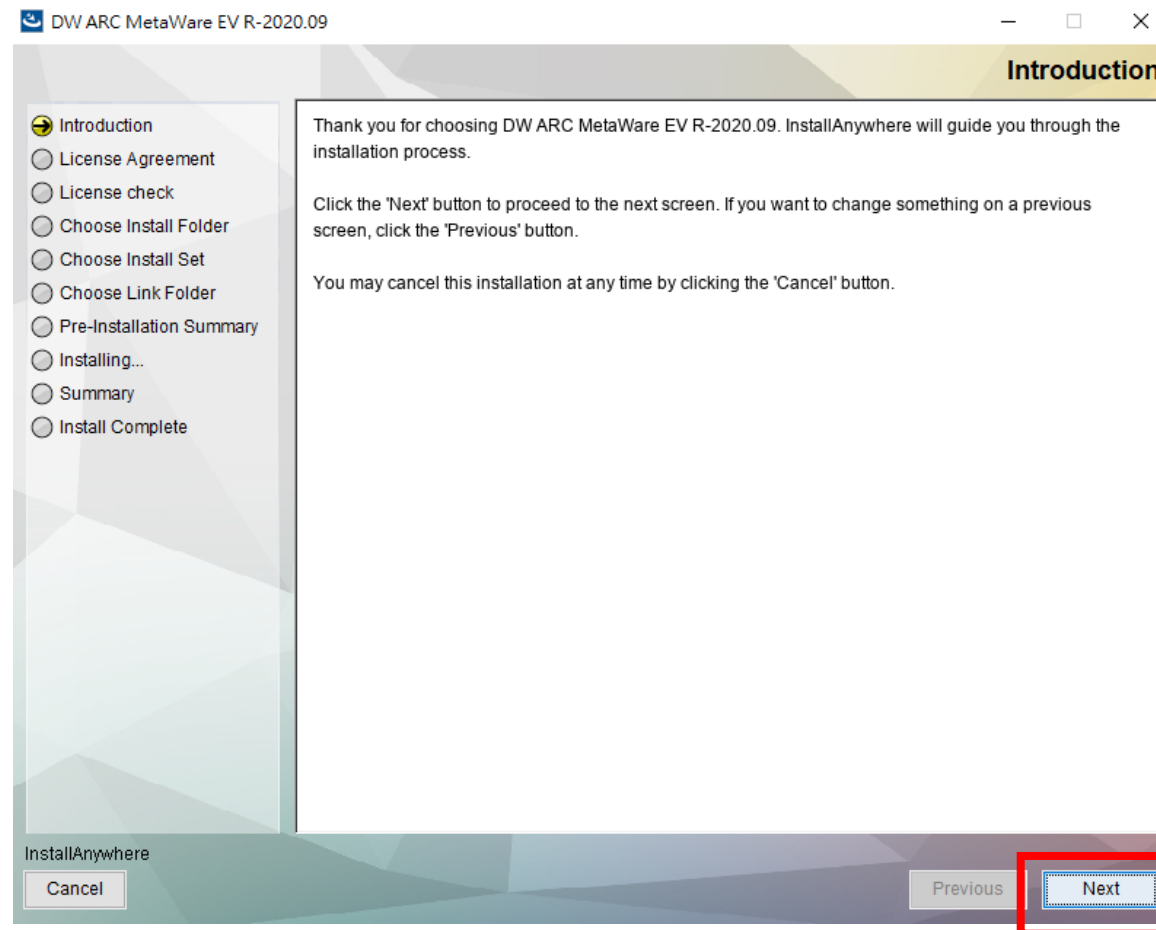變數值(V): 26585@lscic.cic.org.tw

瀏覽目錄(D)... 瀏覽檔案(F)... 確定 取消

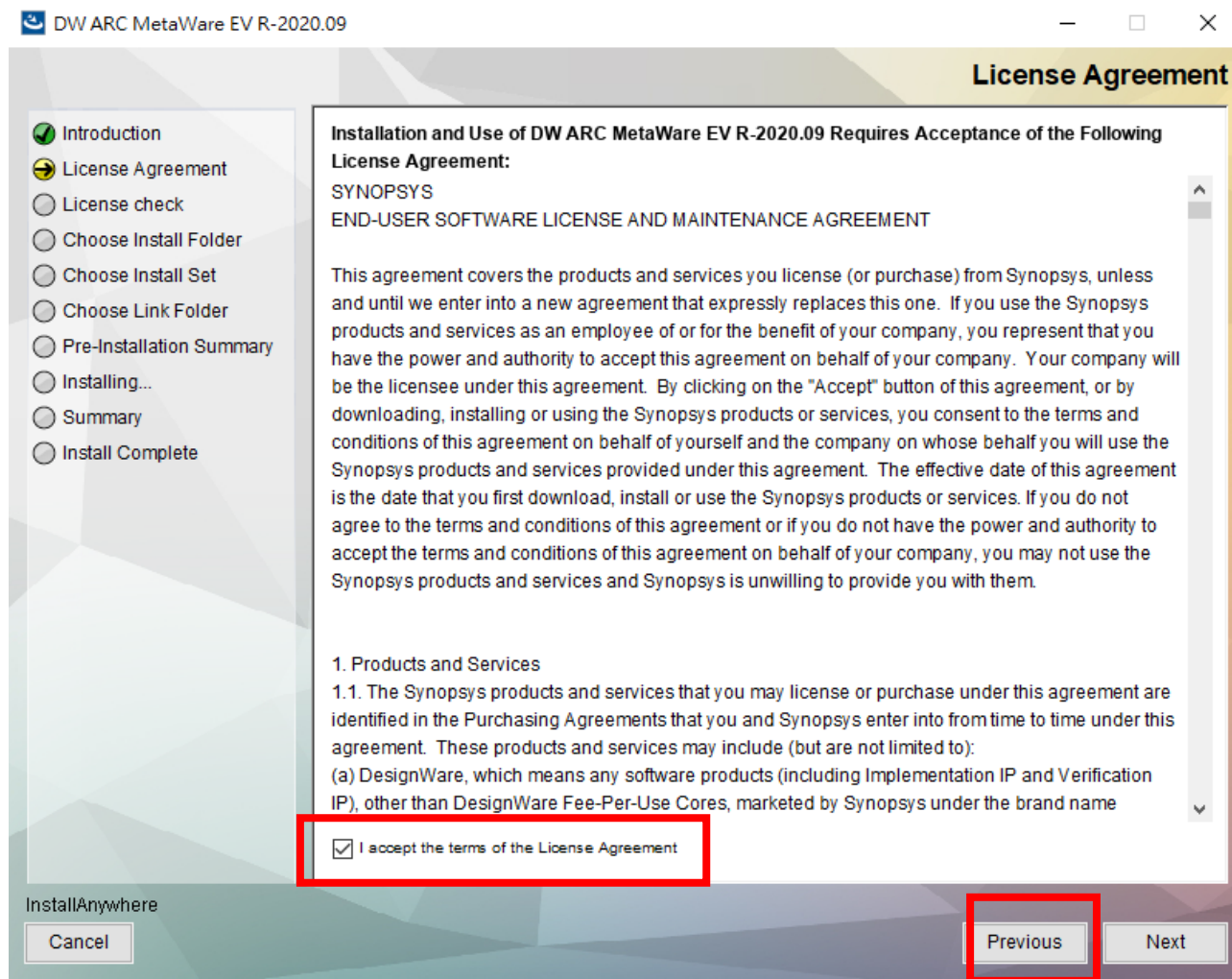# License Setting

- 確認新增成功，成功後重新啟動電腦

MetaWare Installation

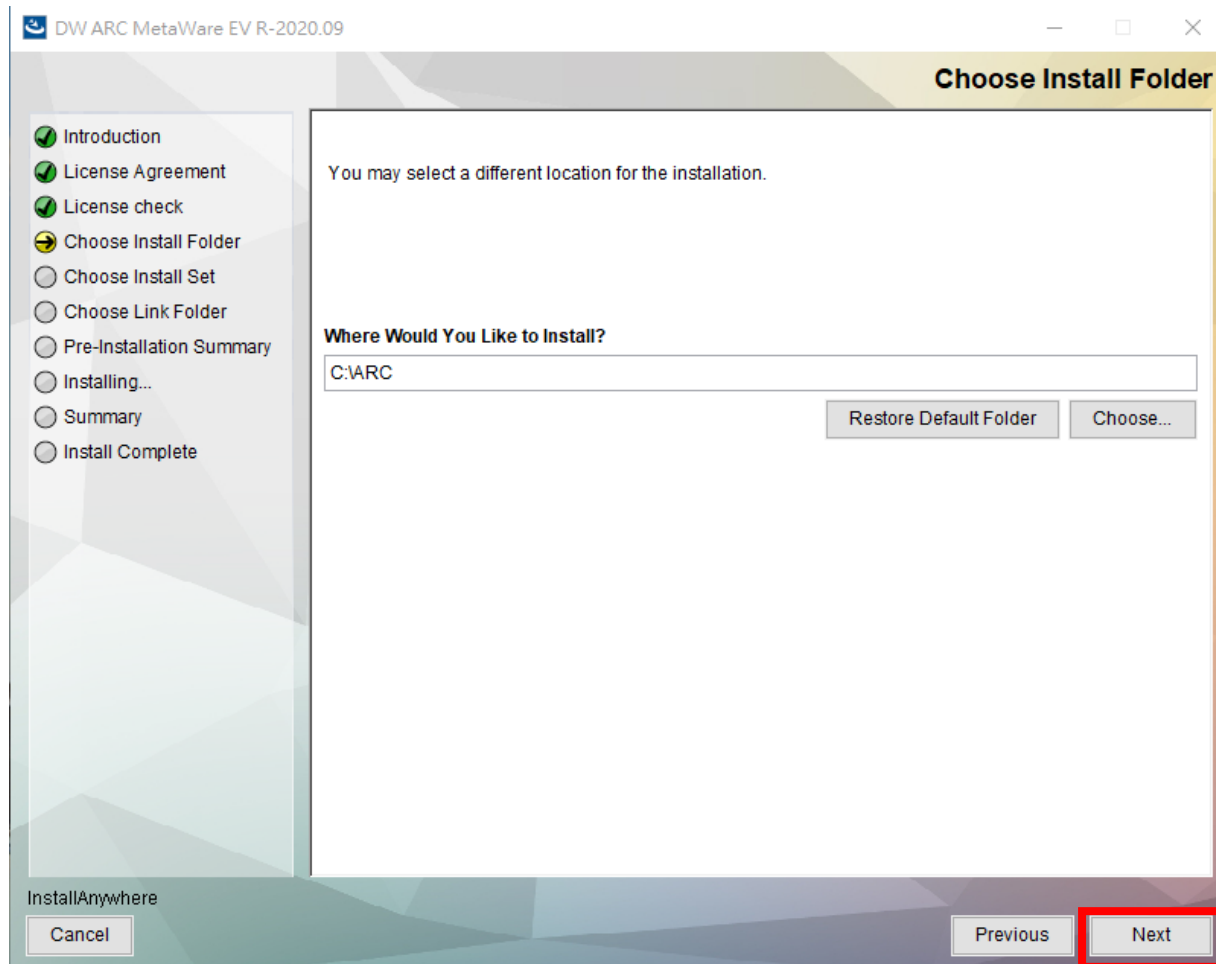- 執行mwev_R_2020_09_win_install
- 接下來步驟都點選Next

MetaWare Installation

- 勾選 I accept …

MetaWare Installation

- 如果License check失敗，請回到第五頁確認新增環境變數成功

MetaWare Installation

- 點選Done完成安裝