

Git\Gitlab Preparation

- Double Lee
- 2019/10

準備環境

1. GIT

<https://git-scm.com/downloads>

cmd:git --version

目前是用：2.28.0

2. Lab環境：

<https://gitlab-dev.wistron.com>



準備環境 - GIT

- Download from office or WITLAB



Win 32



Win 64



Mac

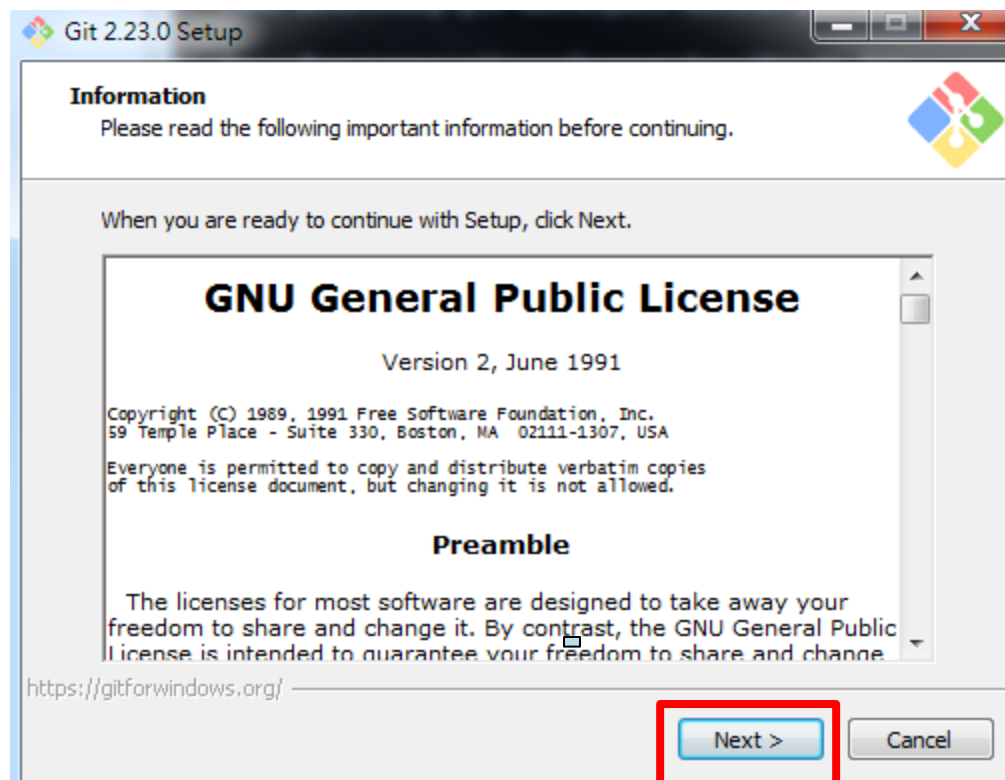
<http://10.37.37.139/packages/git/Git-2.23.0-32-bit.exe>

<http://10.37.37.139/packages/git/Git-2.23.0-64-bit.exe>

<http://10.37.37.139/packages/git/git-2.23.0-intel-universal-mavericks.dmg>

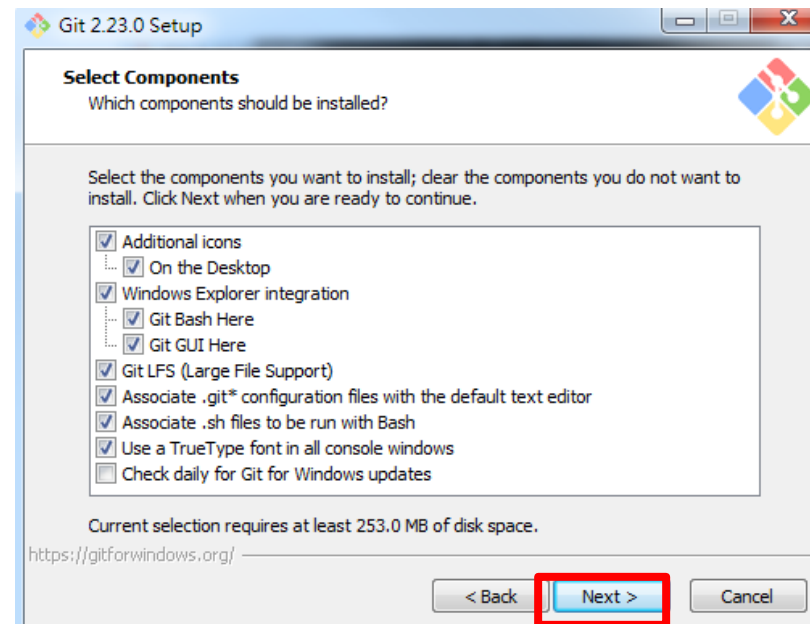
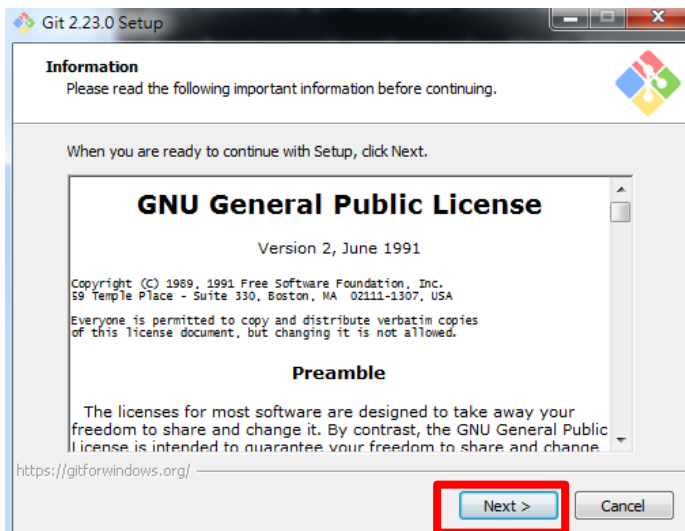


準備環境 – GIT安裝





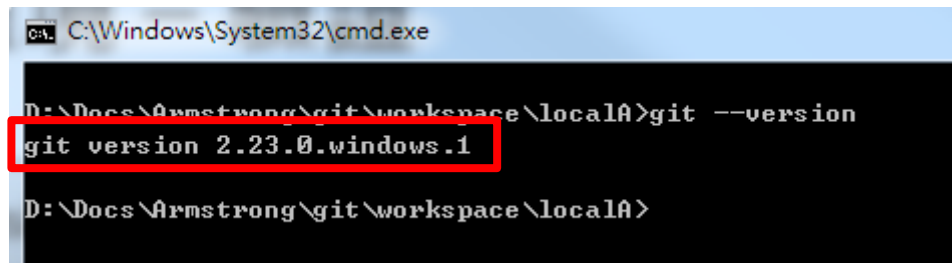
準備環境 – GIT安裝





準備環境 – Git驗證

```
git --version
```



```
C:\Windows\System32\cmd.exe  
D:\Docs\Armstrong\git\workspace\localA>git --version  
git version 2.23.0.windows.1  
D:\Docs\Armstrong\git\workspace\localA>
```



準備環境 – Gitlab驗證

- 連上Training Gitlab

<https://gitlab-dev.wistron.com>

登入工號與工號密碼

是否可成功登入

LDAP	Standard
LDAP Username	
<input type="text" value="10605123"/>	
Password	
<input type="password" value="....."/>	
<input checked="" type="checkbox"/> Remember me	
<input type="button" value="Sign in"/>	

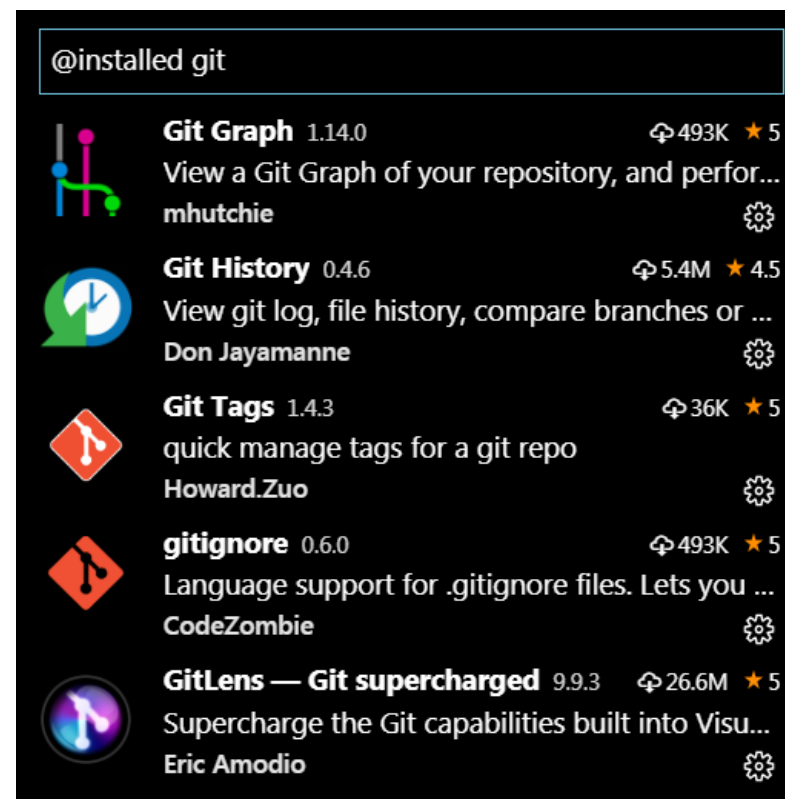
準備環境-Part 2

1. VS Code

<https://code.visualstudio.com/download>

2. VS Code Extensions :

- Git Graph
- Git History
- Git Lens
- Git Tags
- gitignore





準備環境 – VS Code

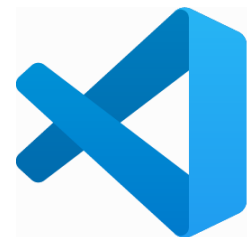
- Download from official or WITLAB



Win 32



Win 64



Mac

<http://10.37.37.139/packages/vscode/VSCodeUserSetup-ia32-1.38.0.exe>

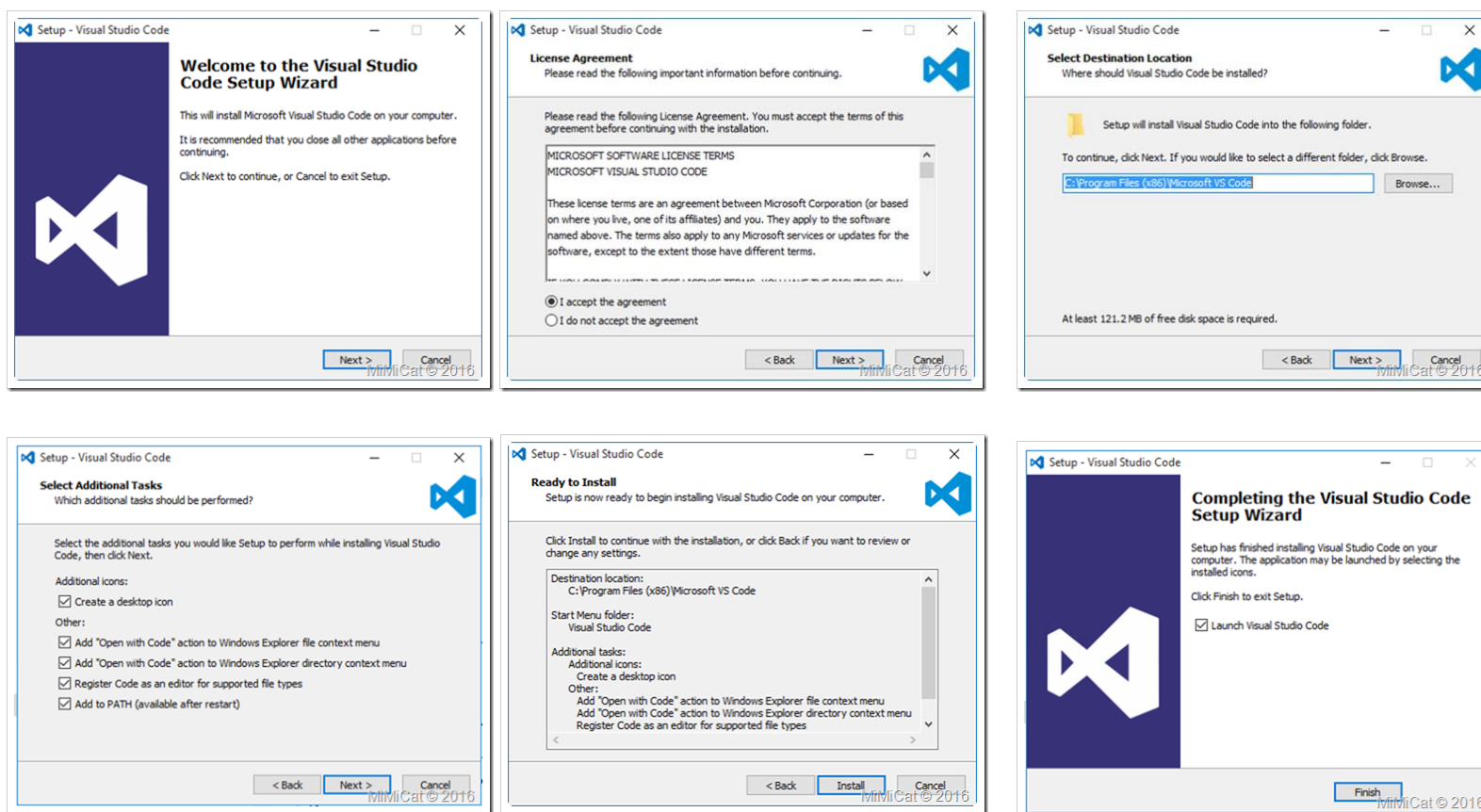
<http://10.37.37.139/packages/vscode/VSCodeUserSetup-x64-1.38.0.exe>

<http://10.37.37.139/packages/vscode/VSCode-darwin-stable.zip>



準備環境 – 安裝VS Code

- 點擊安裝，可以一鍵到底





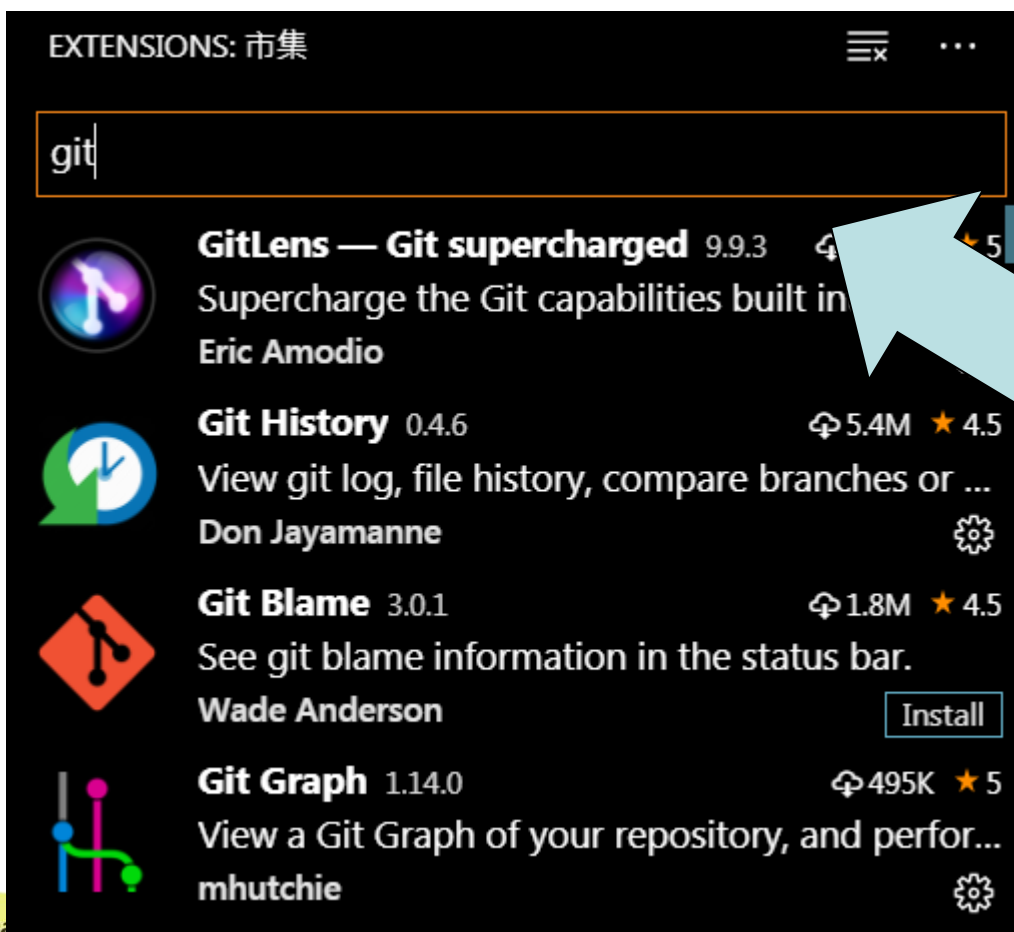
驗證VS Code

- 可否打開VS Code



安裝VS Code Extensions

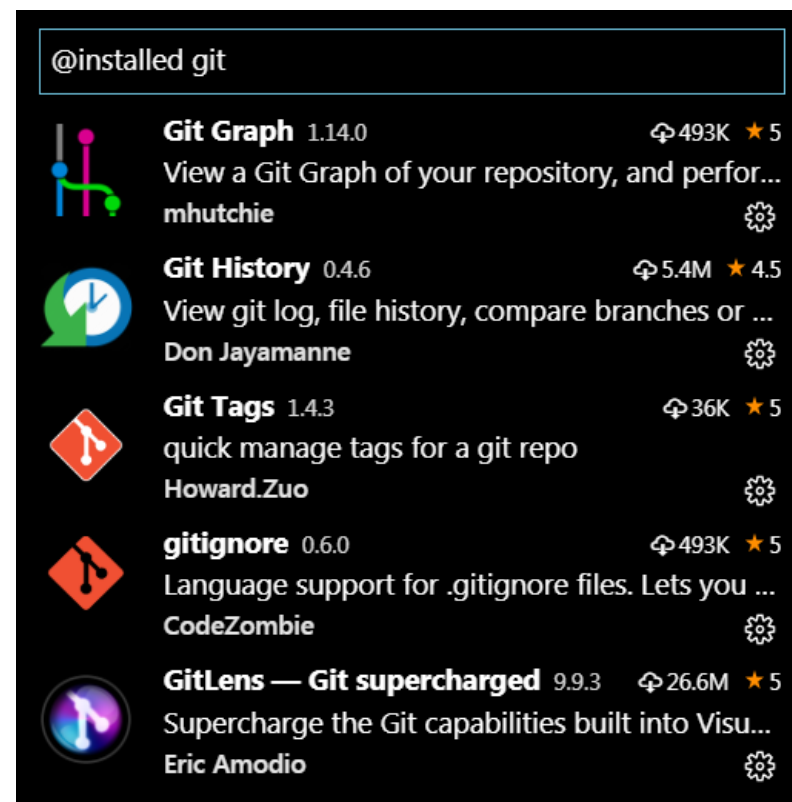
- 網路沒被擋的情況



安裝VS Code Extensions

- 安裝底下擴充功能

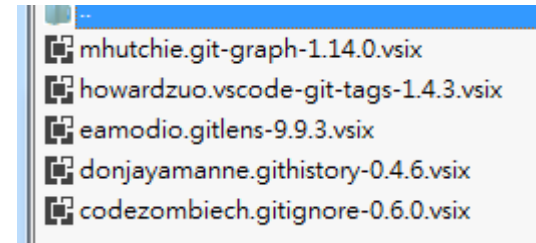
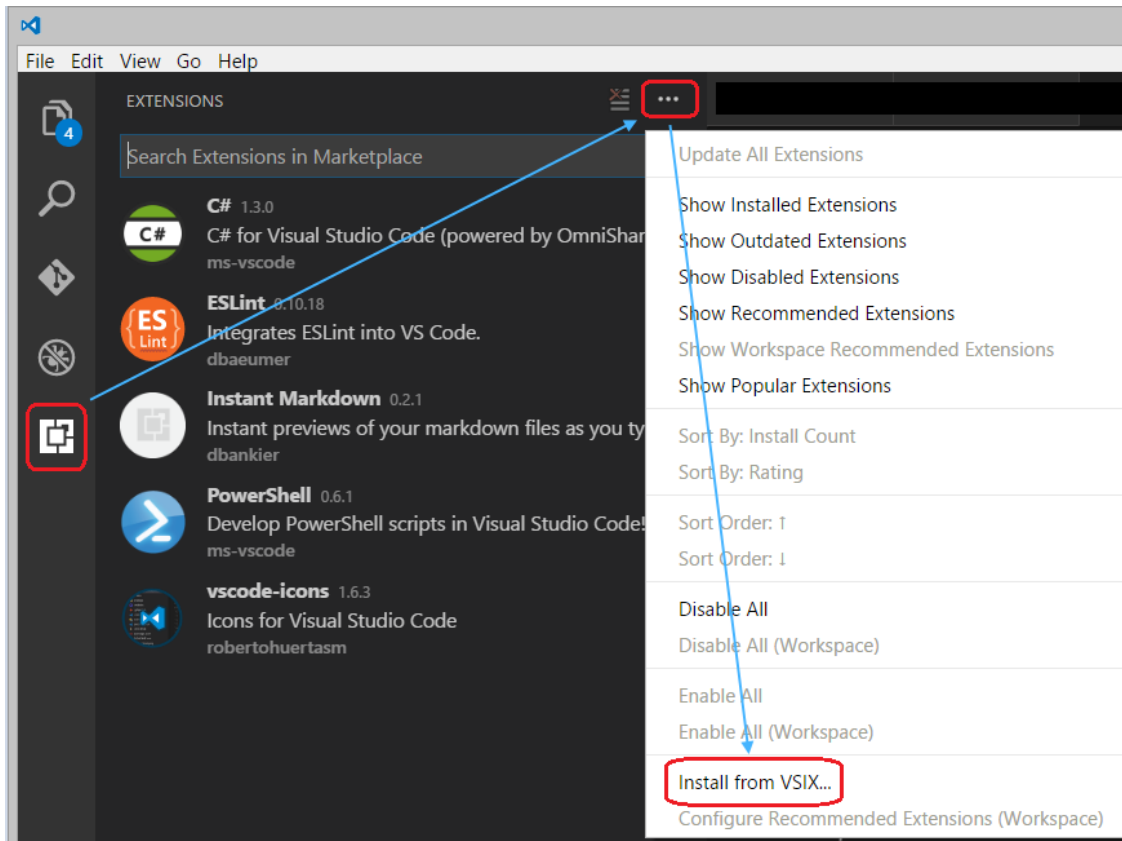
- Git Graph
- Git History
- Git Lens
- Git Tags
- gitignore



安裝VS Code Extensions

- 沒有網路的情況

下載<http://10.37.37.139/packages/vscode/vscgitvsix.zip>





驗證VS Code Extensions

- VS Code左方可以看到GitLens圖示





Trouble Shooting - 1

```
remote: HTTP Basic: Access denied  
fatal: Authentication failed for 'http://gitlab.***.com/***.git/'
```

Push時出現Access denied

1. 在作業系統中以管理員身份開啟命令列工具
2. 輸入 `git config --system --unset credential.helper` 命令，
作用就是清空本地儲存的使用者名稱和密碼
3. 再執行遠端操作，會提示輸入遠端的使用者名稱和密碼



Trouble Shooting - 2

如果在获取Git 文件到本地遇到这个错误:

```
D:\Wistron\Project\Bluesky\GitLab>git clone https://gitlab-k8s.wistron.com/200707044/witlab2019
Cloning into 'witlab2019'...
fatal: unable to access 'https://gitlab-k8s.wistron.com/200707044/witlab2019/': SSL certificate problem: unable to get local issuer certificate
```

git config --global http.sslBackend schannel

若沒用，再執行

可以执行以下命令取消SSL验证:

```
D:\Wistron\Project\Bluesky\GitLab>git config --global http.sslVerify false
D:\Wistron\Project\Bluesky\GitLab>git clone https://gitlab-k8s.wistron.com/200707044/witlab2019
Cloning into 'witlab2019'...
warning: redirecting to https://gitlab-k8s.wistron.com/200707044/witlab2019.git/
warning: You appear to have cloned an empty repository.
```

git config --global http.sslVerify false



Trouble Shooting - 3

git clone or push時，無法輸入密碼

```
C:\Program Files\Git\workspace>git clone https://gitlab-k8s.wistron.com/[redacted]/witlab2019
Cloning into 'witlab2019'...
Username for 'https://gitlab-k8s.wistron.com': [redacted]
Password for 'https://Z19070gitlab-k8s.wistron.com':
remote: HTTP Basic: Access denied
fatal: Authentication failed for 'https://gitlab-k8s.wistron.com/[redacted]/witlab2019.git/'
```

➔ 密碼敲入時，不會顯示，但實際上已經敲進去了。