

**8051 DEBUG\_HC-LINK-V4\_Install Manual****Abstract**

8051 DEBUG HC-LINK-V4

- USB 2.0 interface, plug and play
- Support Keil C51 integrated compilation environment (C51 uvision4 and above)
- Support single step, full speed operation, up to 4 breakpoints
- Support multiple entry modes
- Encryption bits and code options can be programmed
- Support dual wire simulation function (only support dual wire chip)
- Support online programming (including JTAG, SWD, ISP)
- Support offline burning (including JTAG, SWD, ISP)
- Support touch application debugging



HC-LINK-V4

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# 1 Get Software and Hardware

Software download :

[http://www.holychip.cn/download.php?class\\_id=102104102](http://www.holychip.cn/download.php?class_id=102104102)

Hardware purchase :

<https://shop155767245.taobao.com/?spm=a230r.7195193.1997079397.1.6ec6570cRIIBgM>

## 2 Software installation

名称	修改日期	类型	大小
HC-LINK V4.0.3.0.exe	2020/9/4 10:36	应用程序	24,774 KB

Figure 2-1 Unzip and run the exe

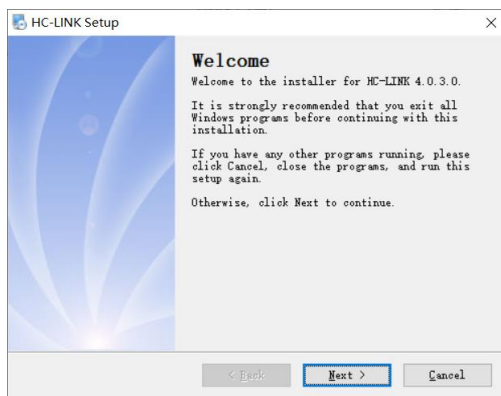


Figure 2-2 installation wizard, click the "next" button

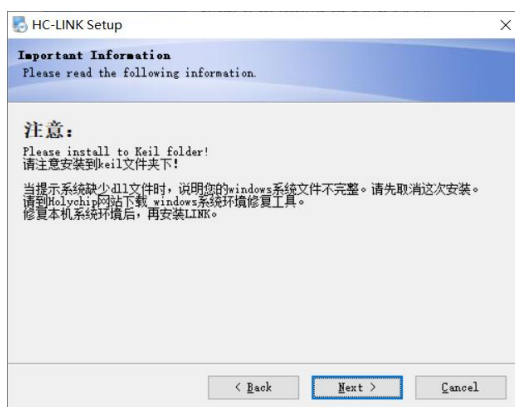


Figure 2-3 installation wizard, click the "next" button

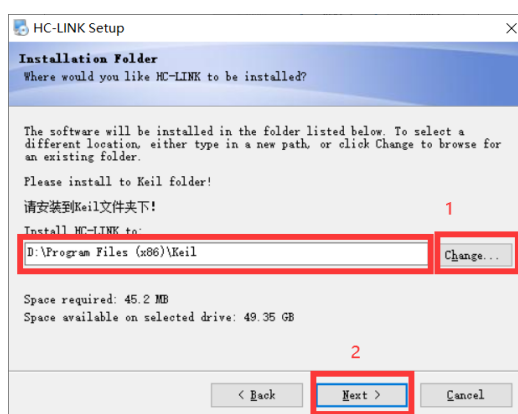


Figure 2-4 installation wizard, click "change..." button, select keil software installation root directory, and then click "next" button

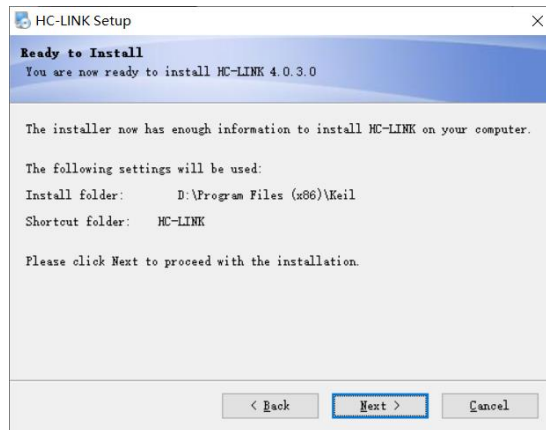


Figure 2-5 installation wizard, click the "next" button

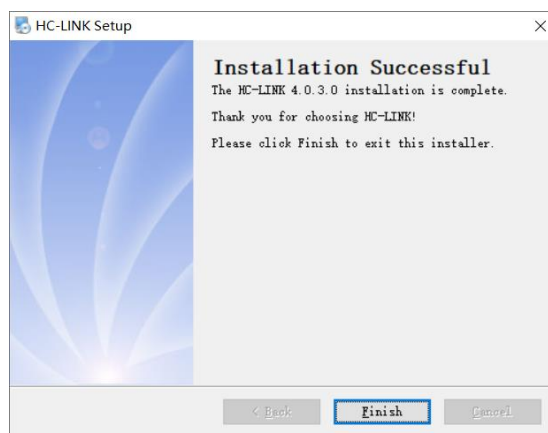


Figure 2-6 installation wizard, click the "finish" button

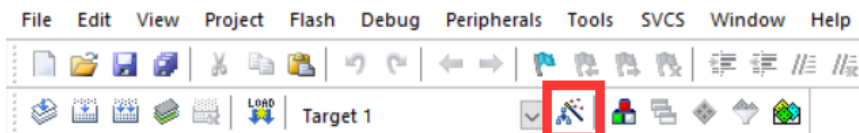


Figure 2-7 after installation, open the demo code downloaded from the official website and click the "magic wand" button

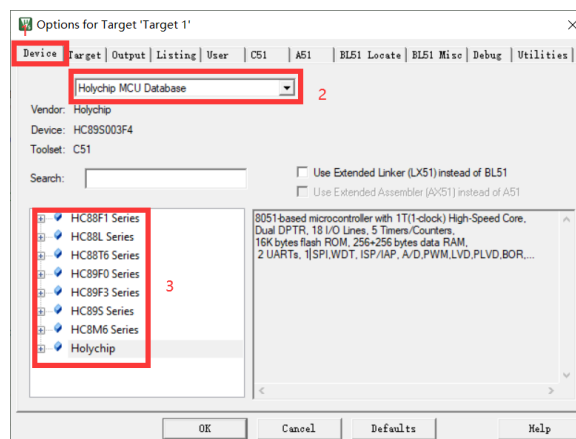


Figure 2-8 confirm "device" interface

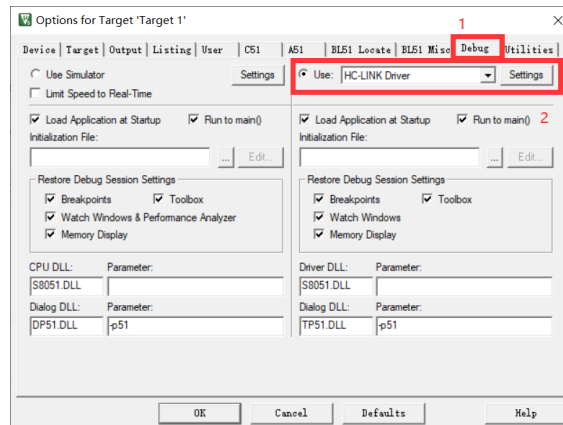


Figure 2-9 confirm "debug" interface

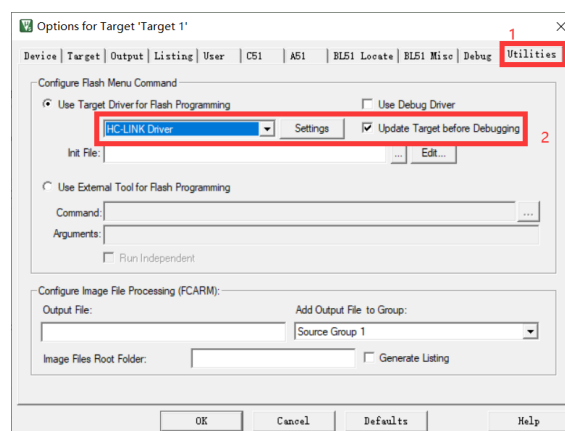


Figure 2-10 confirm the "utilities" interface and click the "Settings" button

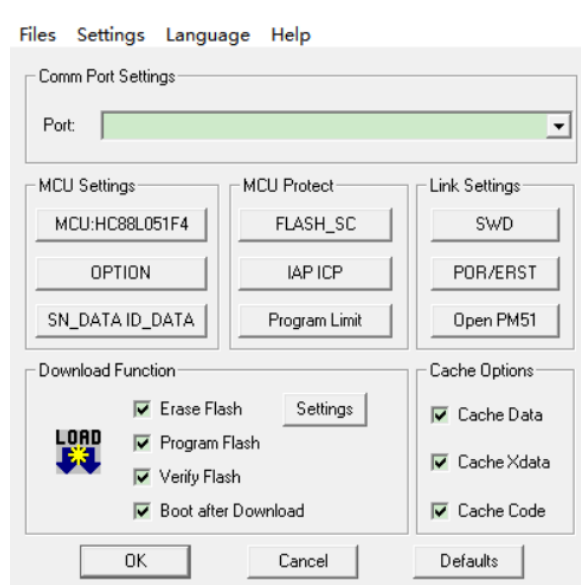


Figure 2-11 HC-LINK plug-in running successfully window, click "Open PM51" button

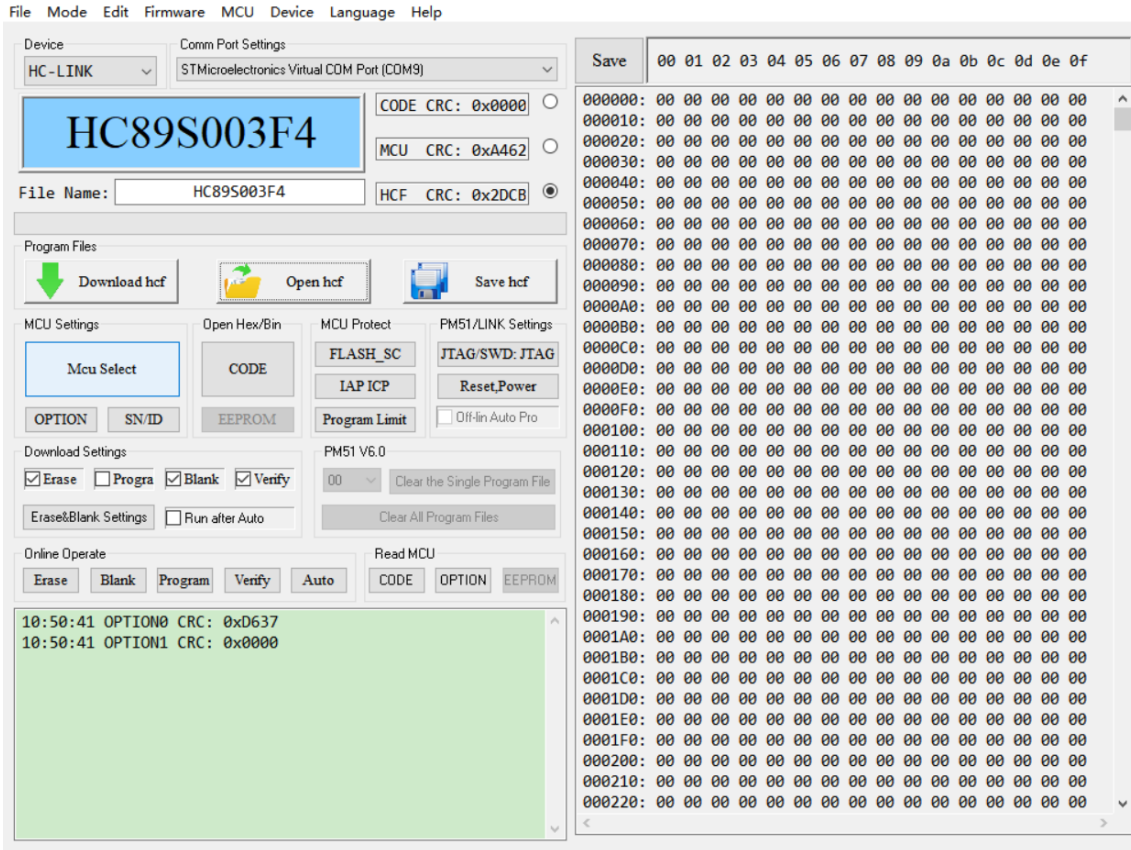


Figure 2-11 main interface of HC-PM51 run successful operation window

# 3 Solutions to Software Failure

## 3.1 Get File

URL: <https://pan.baidu.com/s/1pu9V4NPwFwF7rJRJZ-NLfg> Code: b86b。

After the download is completed, two folders are extracted:

"VC runtime collection v1.56\_Ttrar" and "DirectX\_Repair\_3.7\_Enhanced\_XiaZaiBa".

## 3.2 Install VC Environment

Enter "VC runtime collection v1.56"\_Ttrar "folder, double-click to run" VC runtime collection v1.56 "\_ttrar.exe" 。

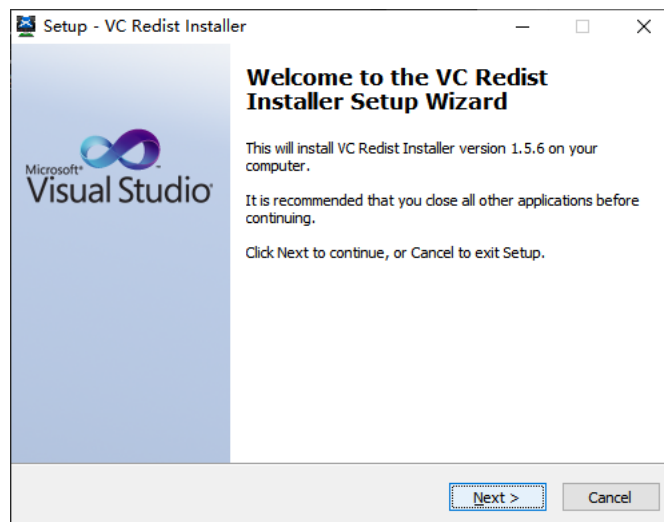


Figure 3.2-1 VC Redist Setup Wizard, click the "Next" button

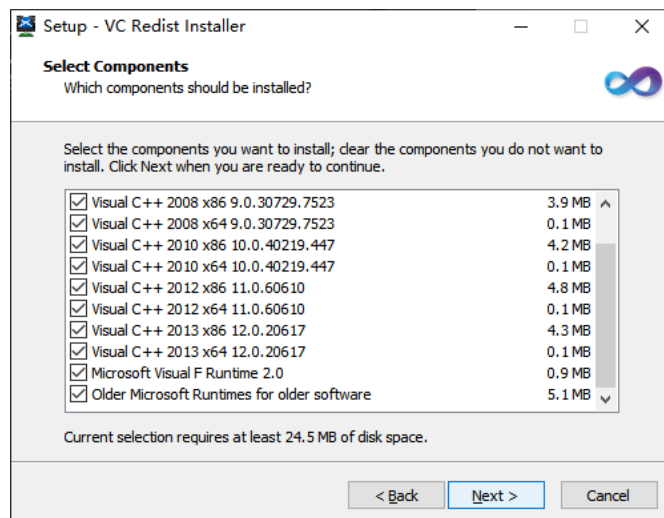


Figure 3.2-2 VC Redist Setup Wizard, click the "Next" button



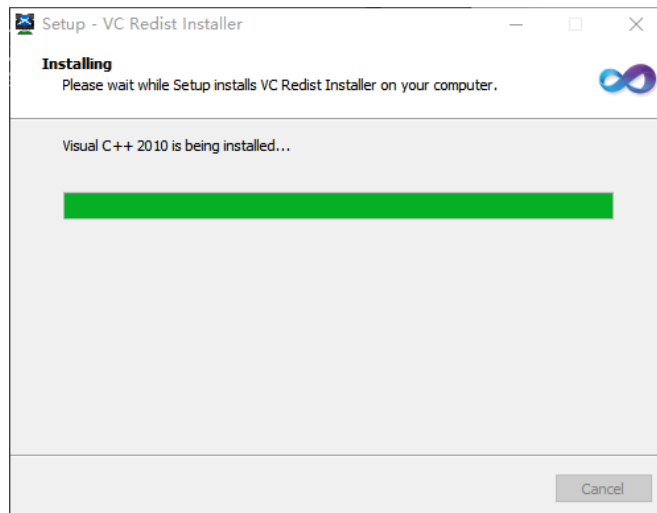


Figure 3.2-3 VC Redist is being installed...

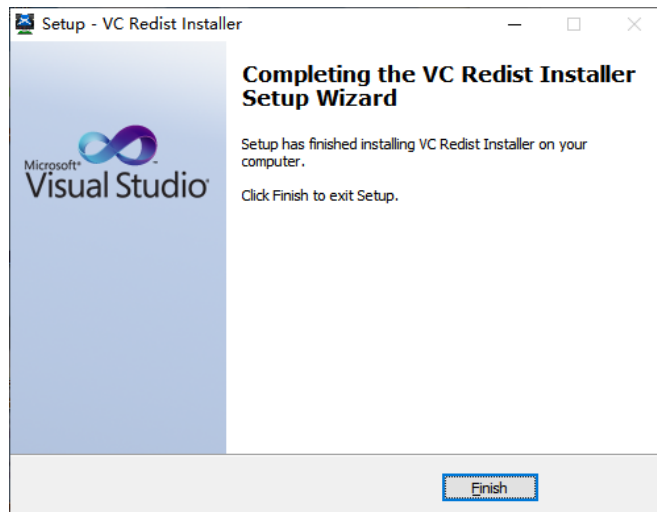


Figure 3.2-4 VC Redist Setup Wizard, click the "Finish" button

### 3.3 Install DirectX\_Repair

Enter DirectX\_Repair\_3.7\_Enhanced\_DirectX repair V3.7 (Enhanced Edition), a subfolder within the xiazaiba folder.

Win7 users install DirectX Repair.exe.

Win8 and win10 users install DirectX\_Repair\_win8\_Win10.exe.

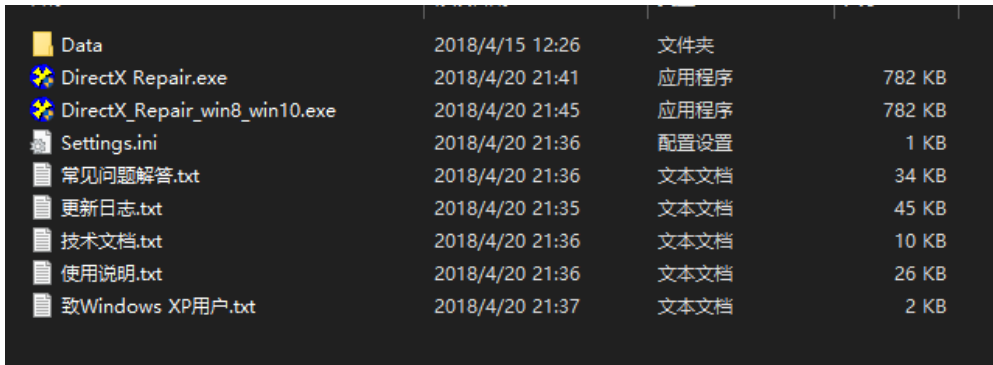


Figure 3.3-1 double click to run DirectX\_Repair\_win8\_win10.exe (take win10 as an example)

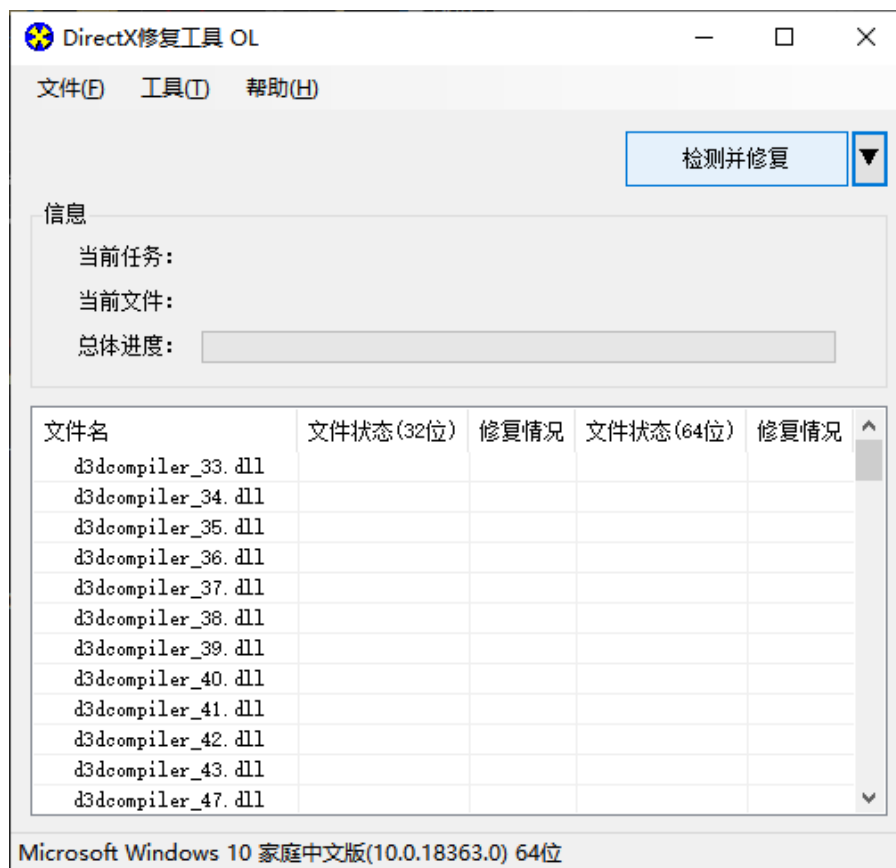


Figure 3.3-2 installation wizard, click the "detect and repair" button

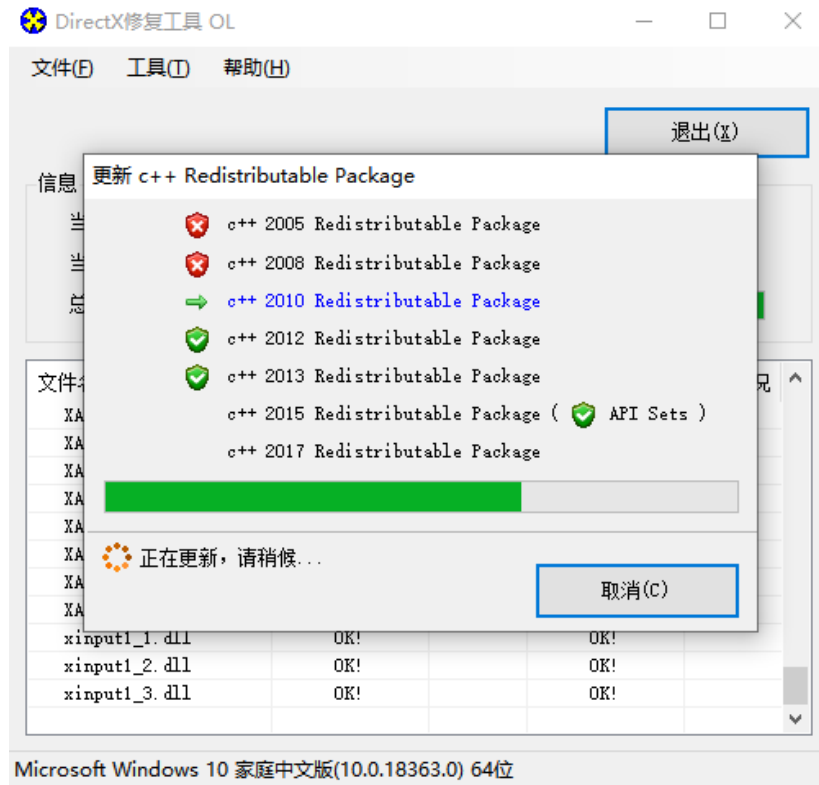


Figure 3.3-3 installation wizard, running...

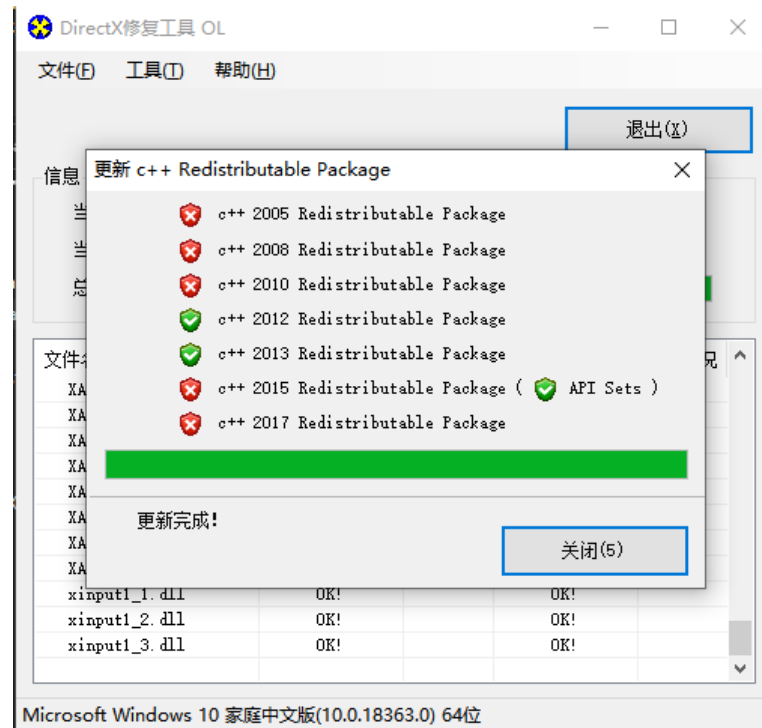


Figure 3.3-4 installation wizard, running...



Figure 3.3-5 installation wizard, click the "OK" button

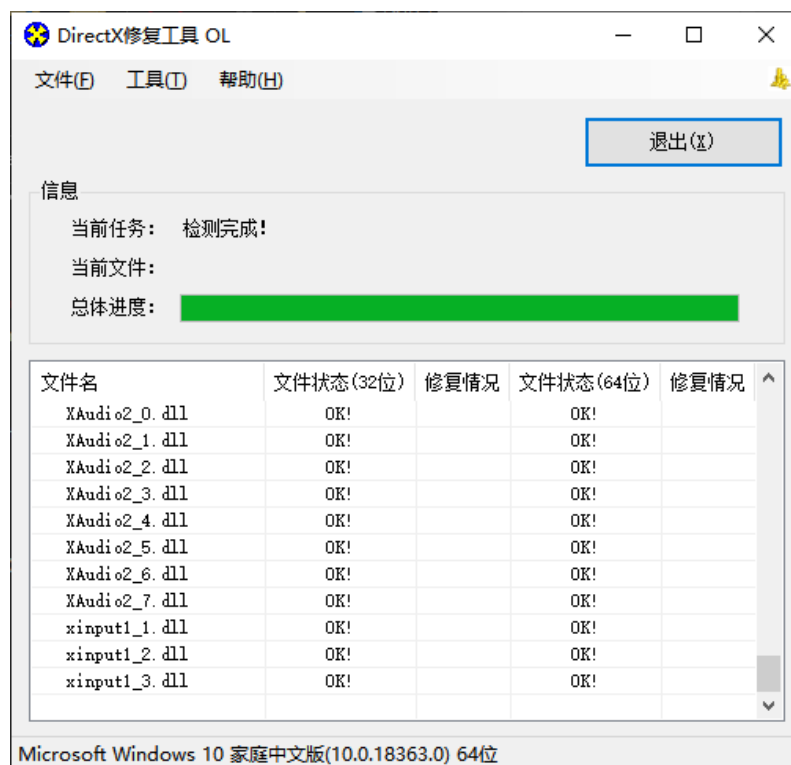


Figure 3.3-6 installation wizard, click the "exit" button to complete the repair

## 4 Version Description

Version	Date	Describe
Ver1.00	2020/11/6	First edition

### IMPORTANT NOTICE – PLEASE READ CAREFULLY

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