

## Abstract

HCTouch VLAB is an auxiliary tool for the development and debugging of Xinsheng touch products. Users can improve the speed of product development through the debugging tool.

- ◆ Hctouch vlab provides three debugging modes: adaptive dynamic debugging, manual dynamic debugging and static debugging

- ◆ Through HC-LINK or ordinary serial port debugging tool to connect user application board to debug

- ◆ The data change of each touch channel can be observed in real time

- ◆ Hc-link power supply or external power supply can be selected

- ◆ With the touch library function provided, users can customize UART data communication port and baud rate

- ◆ Support touch data curve or data display, and save data

- ◆ Support the touch button effective mark position subtitle display and sound prompt

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# 1 Get Software and Hardware

Software download :

[http://www.holychip.cn/download.php?class\\_id=102105102](http://www.holychip.cn/download.php?class_id=102105102)

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
HCTouch VLAB V2.0.1.0.rar	2020/8/5 9:12	WinRAR 压缩文件	1,662 KB

Figure 2-1 portable software suit

名称	修改日期	类型	大小
Demo	2020/7/3 10:14	文件夹	
Device	2020/7/3 10:14	文件夹	
Dll	2020/7/3 10:14	文件夹	
Help	2020/7/3 10:14	文件夹	
HCSupport.dll	2020/9/11 11:20	应用程序扩展	33 KB
HCTouch VLAB.exe	2020/9/11 11:20	应用程序	575 KB
XListCtrlDDDU.dll	2020/3/19 10:05	应用程序扩展	288 KB

Figure 2-2 run HCTouch VLAB.exe



Figure 2-3 HCTouch VLAB run success

# 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" 。

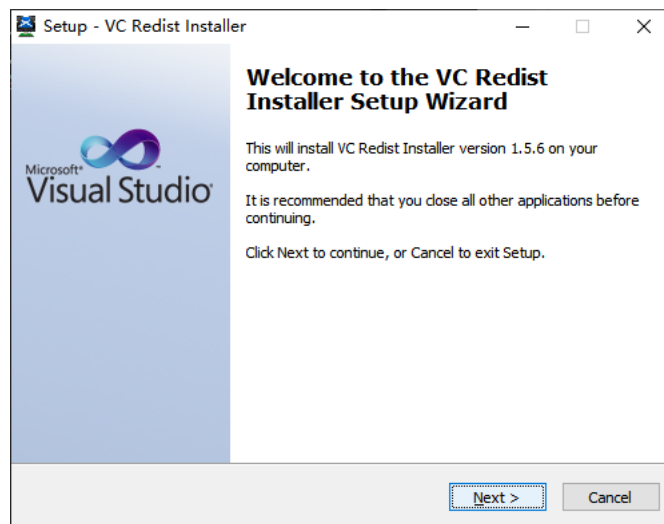


Figure3.2-1 VC Redist Setup Wizard, click the "Next" button

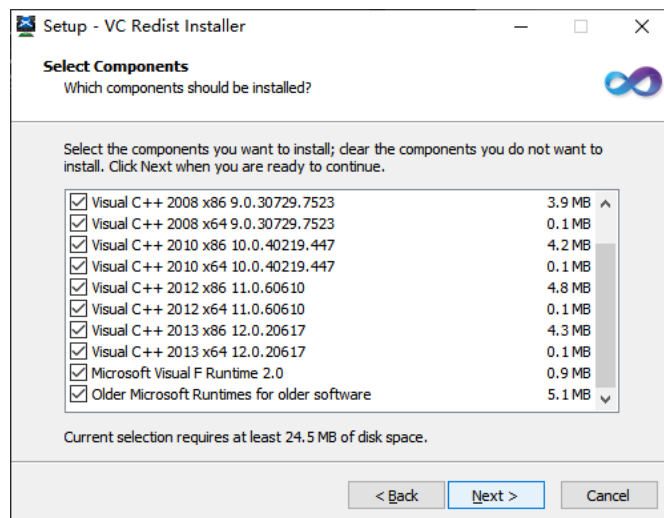


Figure 3.2-2 VC Redist Setup Wizard, click the "Next" button

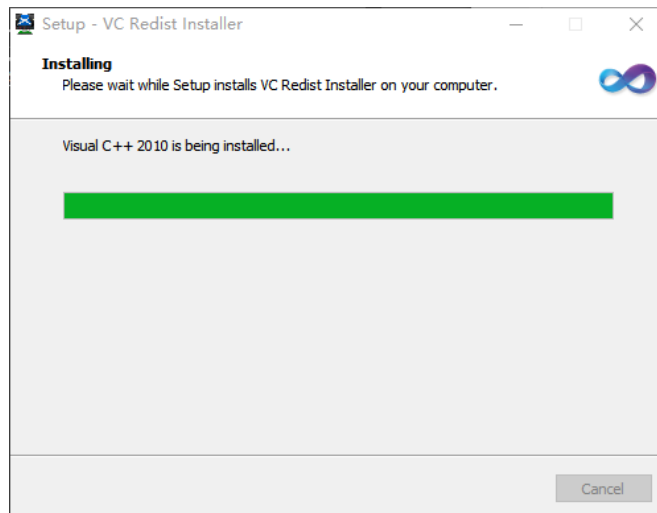


Figure 3.2-3 VC Redist is being installed...

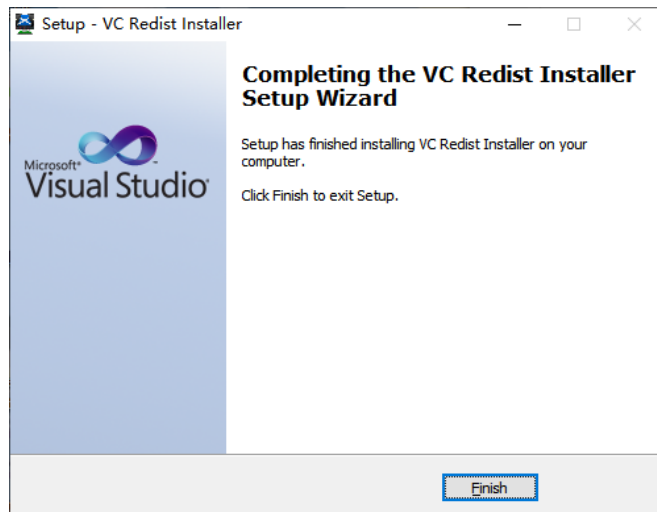


Figure 3.2-4 VC Redist Setup Wizard, click the "Finish" button

### 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.

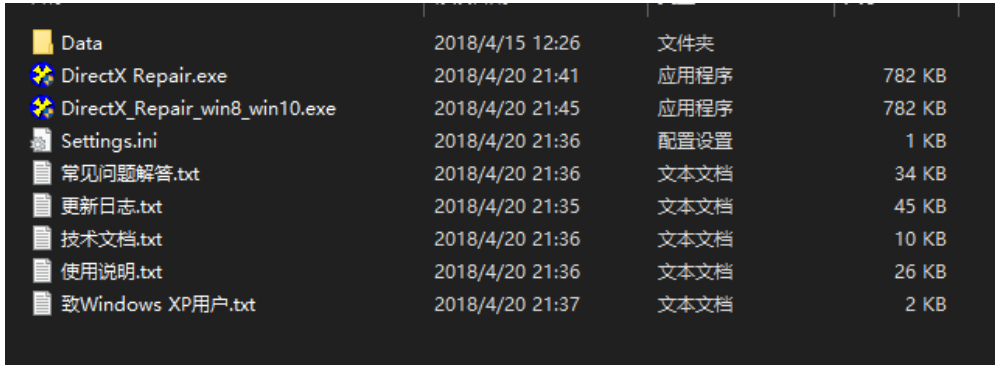


Figure 3.3-1 double click to run DirectX\_Repair\_win8\_win10.exe (take win10 as an example)

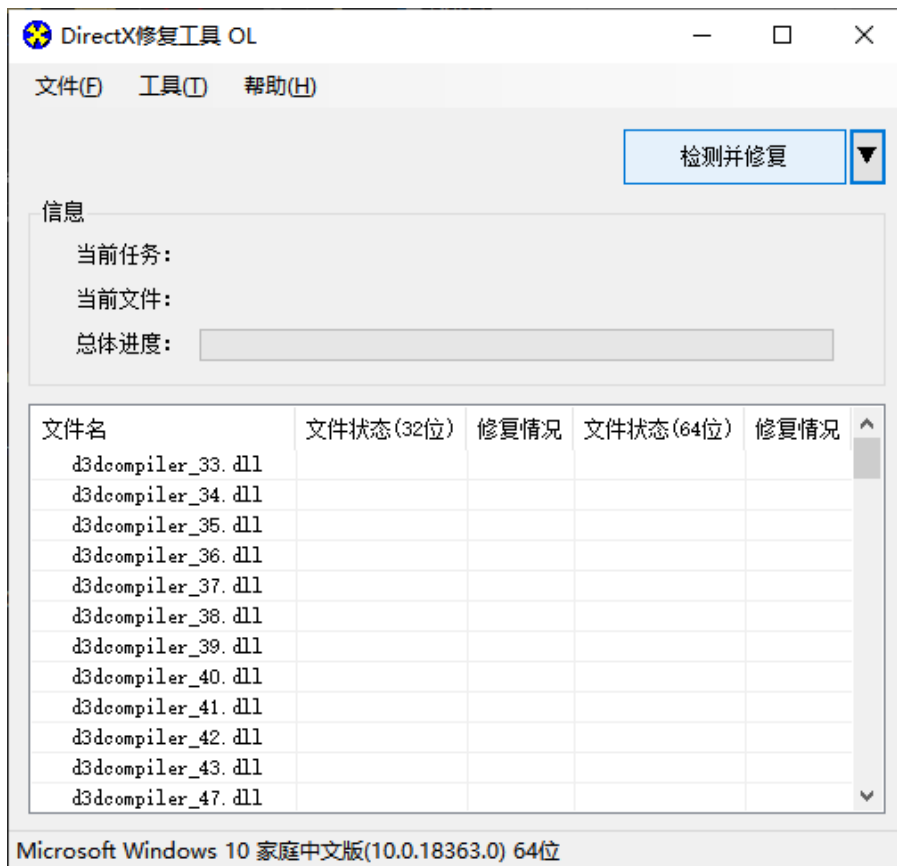


Figure 3.3-2 installation wizard, click the "detect and repair" button

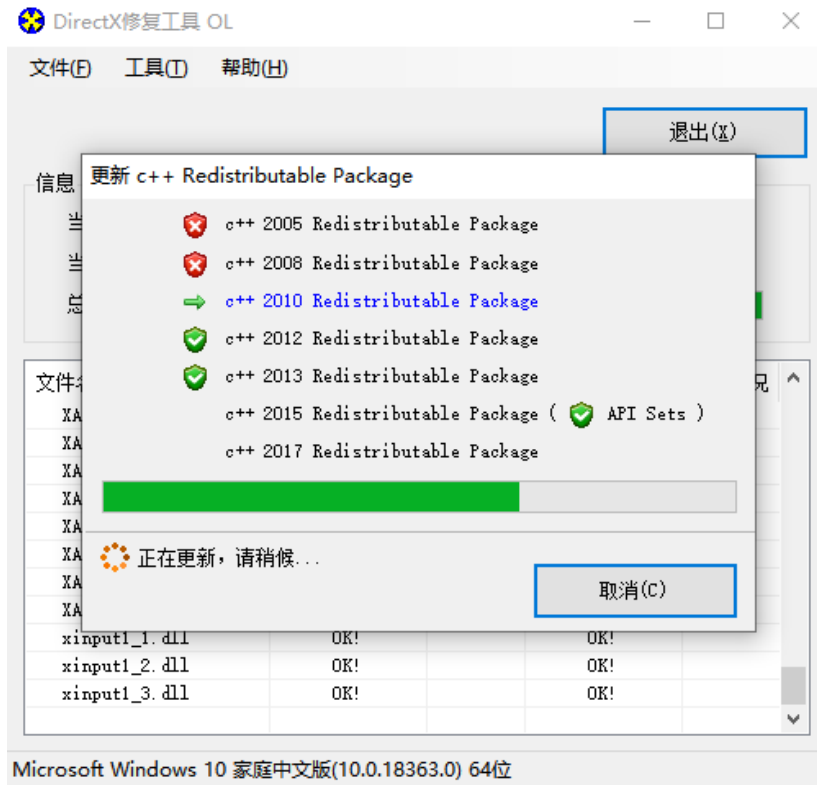


Figure 3.3-3 installation wizard, running...

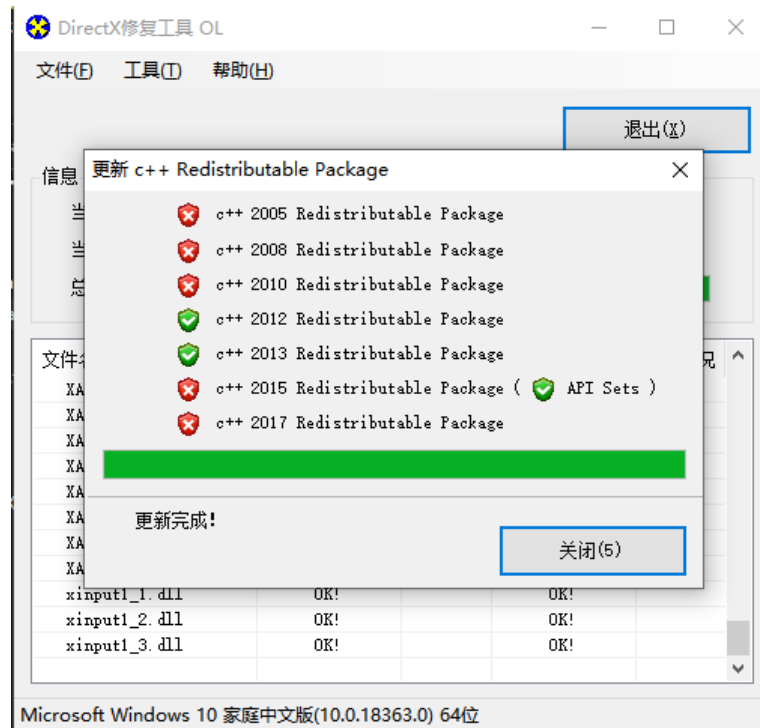


Figure 3.3-4 installation wizard, running...



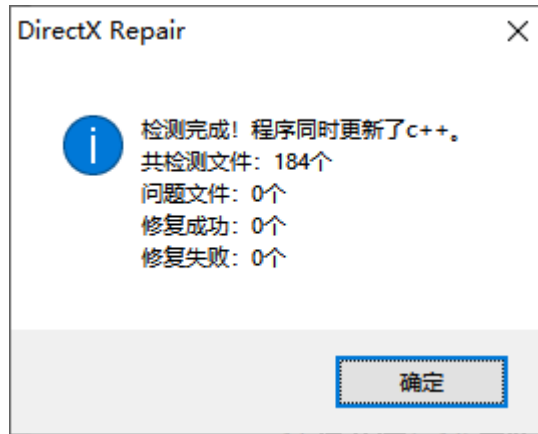


Figure 3.3-5 installation wizard, click the "OK" button

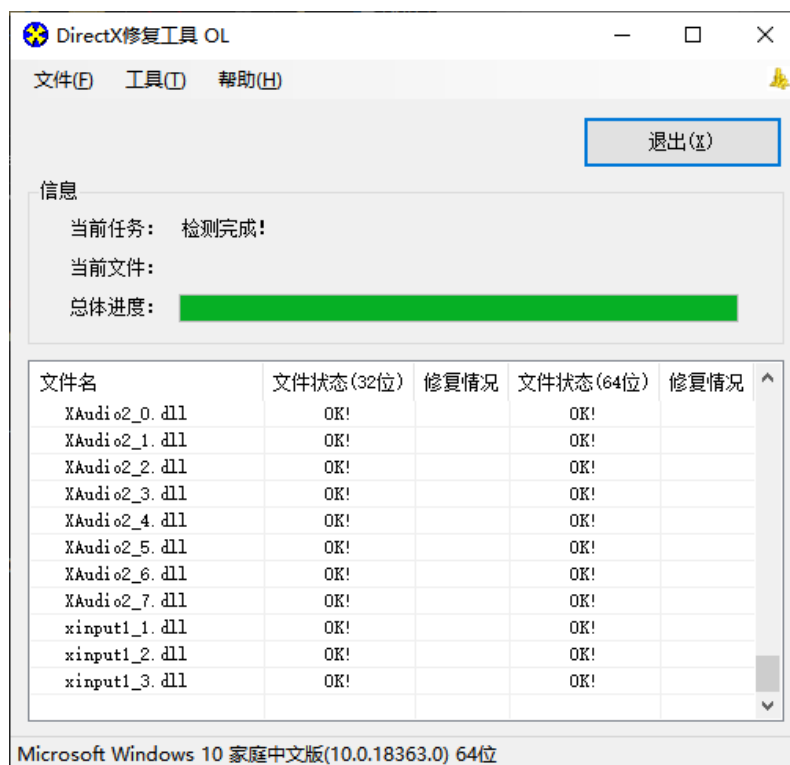


Figure 3.3-6 installation wizard, click the "exit" button to complete the repair

## 4 Version Description

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

### IMPORTANT NOTICE – PLEASE READ CAREFULLY

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