Title : First Light SDK installation manual for windows
Document number :
Issue : 3.0.0
Classification : Public
Customer :
Date : 30/05/2023

Revision history

Issue	Date	Para	Details
1.0.0	28/11/2019		Initial release
2.0.0	01/06/2021		
2.5.0	04/02/2022		
3.0.0	30/05/2023		Add link to MSVC redistributable

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1. Introduction

First Light SDK and its installer have been tested on the following platforms:

- Windows 10 64bits
- Windows 11 64bits

The installer will provide the following components:

- SDK binaries and include
- C/C++/C# Demonstration software and the corresponding source files.
- Python Demonstration software and the corresponding source files.
- MATLAB Demonstration software and wrapper.
- MicroManager plugin
- Halcon plugin
- USB redistributable

The FliSdk has been tested with the following grabbers:

- Matrox Radient ev-CL
- Matrox Rapixo CXP
- Euresys Coaxlink Duo CXP-12
- Euresys Grablink Full CL
- Teledyne Dalsa Xcelera CL
- Bitflow CL
- EDT Visionlink F4
- USB 3.0

And with a specific driver version that can be downloaded from the website.

2. Installation procedure

2.1. Configuration of the installation

Start the executable “FliSdk_X_X_X_installer_Windows.exe”.

If some dialog boxes open and warn that the file msvcp140.dll or the file vcruntime140.dll are missing.
Then you will first need to install the MSVC redistributable.
Click on this link:
https://aka.ms/vs/17/release/vc_redist.x64.exe
To get the redistributable, open it and follow the instructions (you will have to reboot your computer).
Run again the executable (FliSdk_X_X_X_installer_Windows.exe) to get this window:

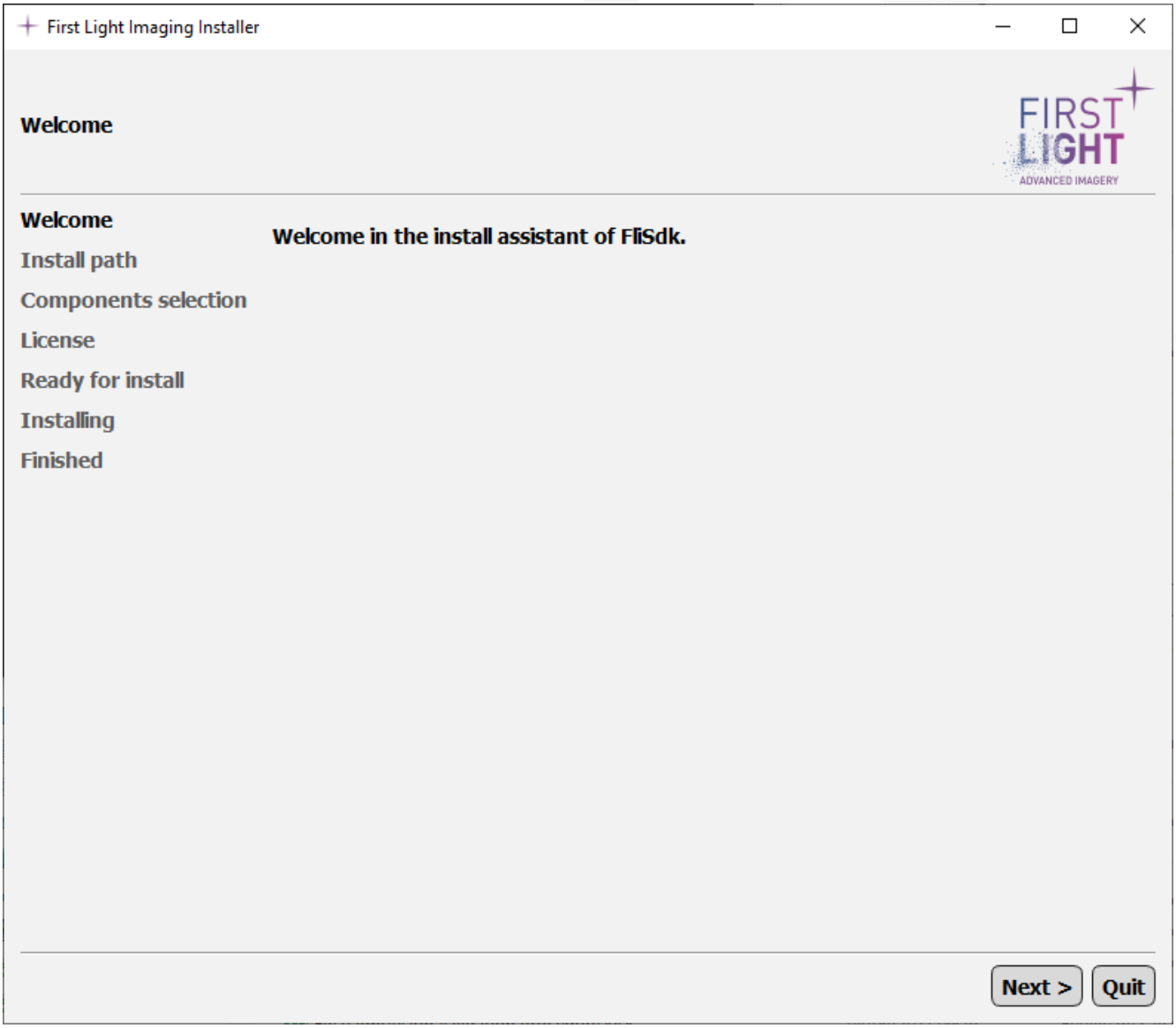


Fig. 1 : Installer window

Click on *Next*, then choose the installation directory:

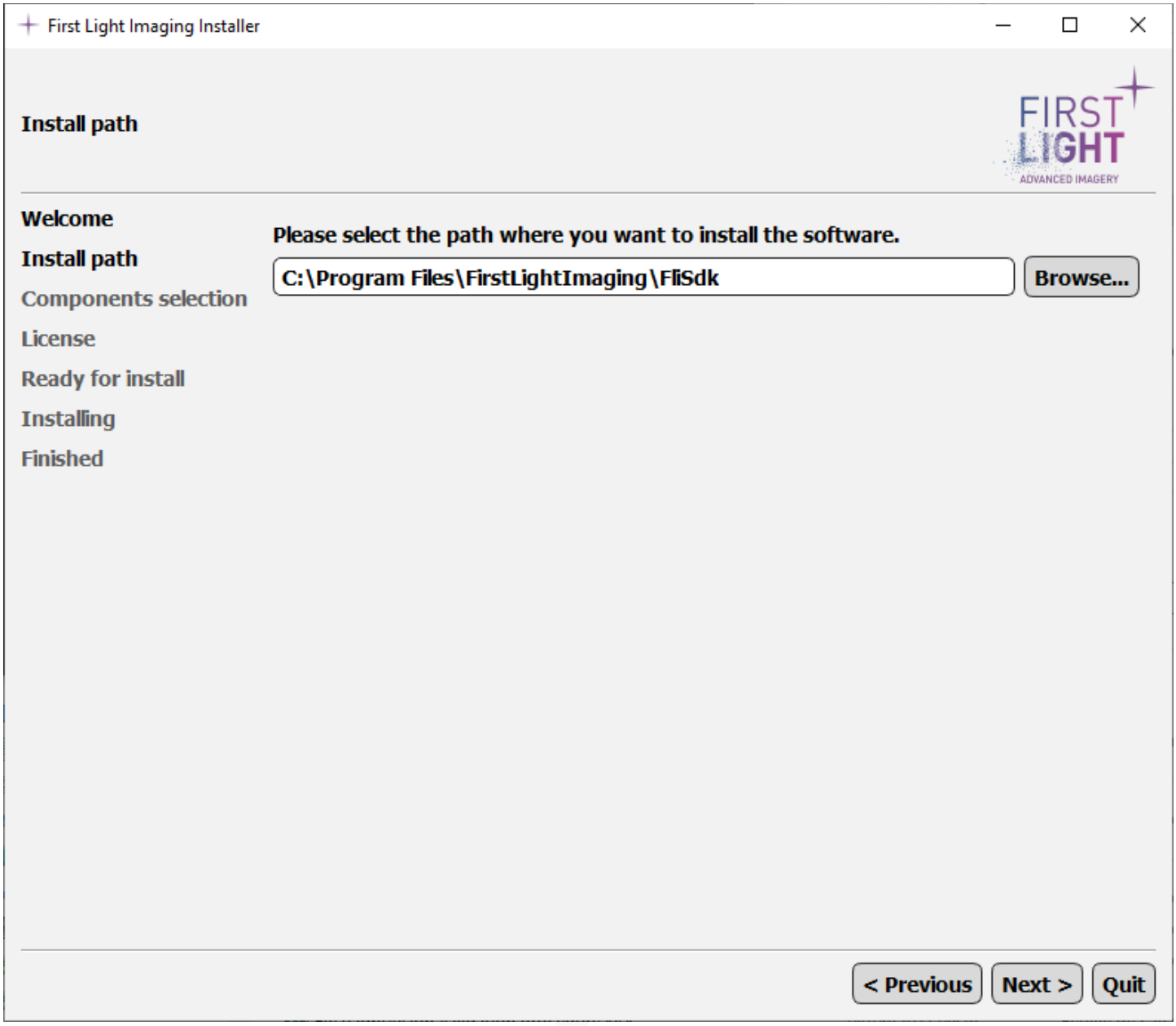


Fig. 2 : Installation directory selection

Click on *Next*, then select the packages you want to install:

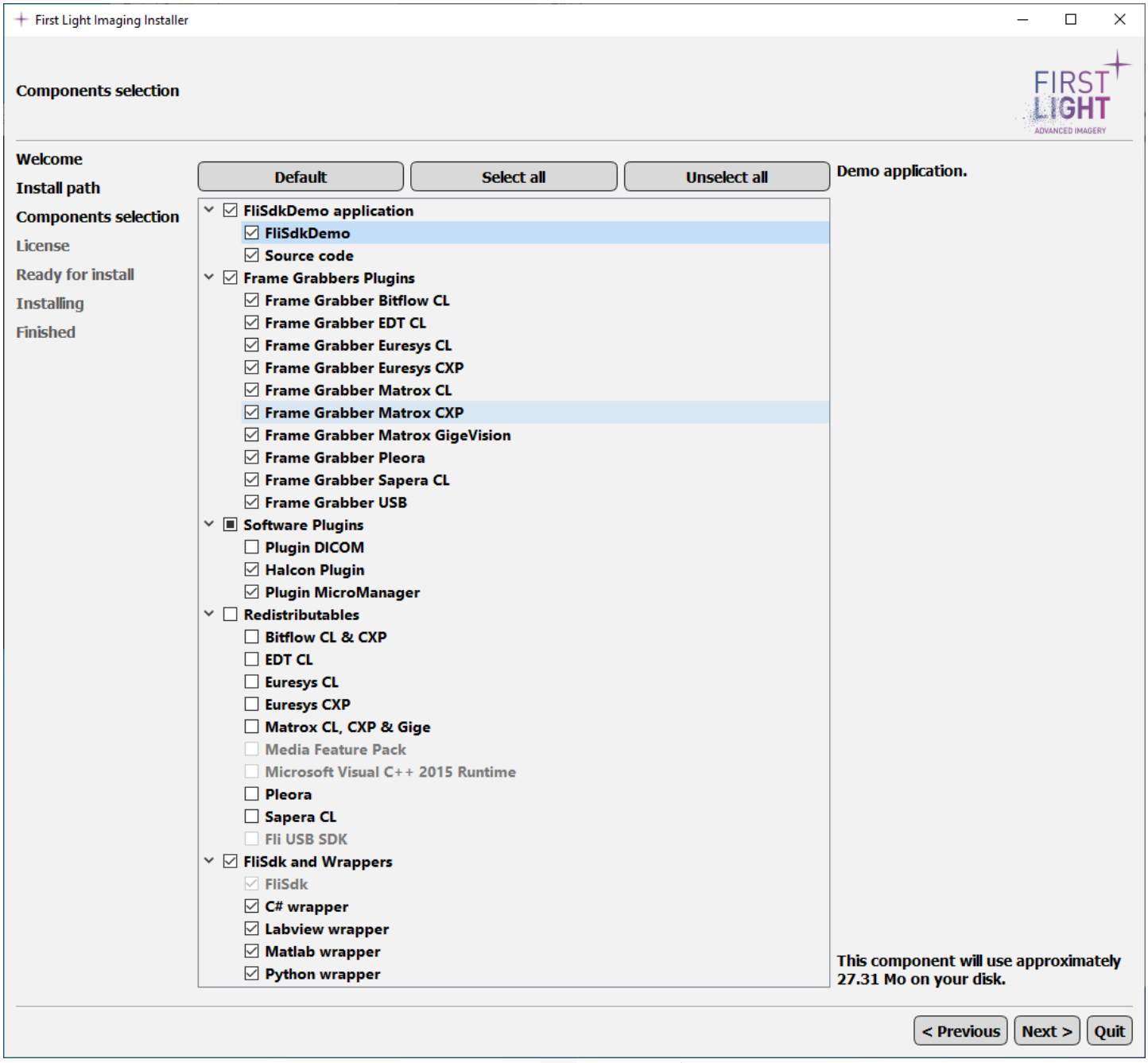


Fig. 3 : Component selection

Note: The redistributables will be downloaded from our server and must be installed manually.

Once the selection of components is done, click on *Next* and accept the license agreement.

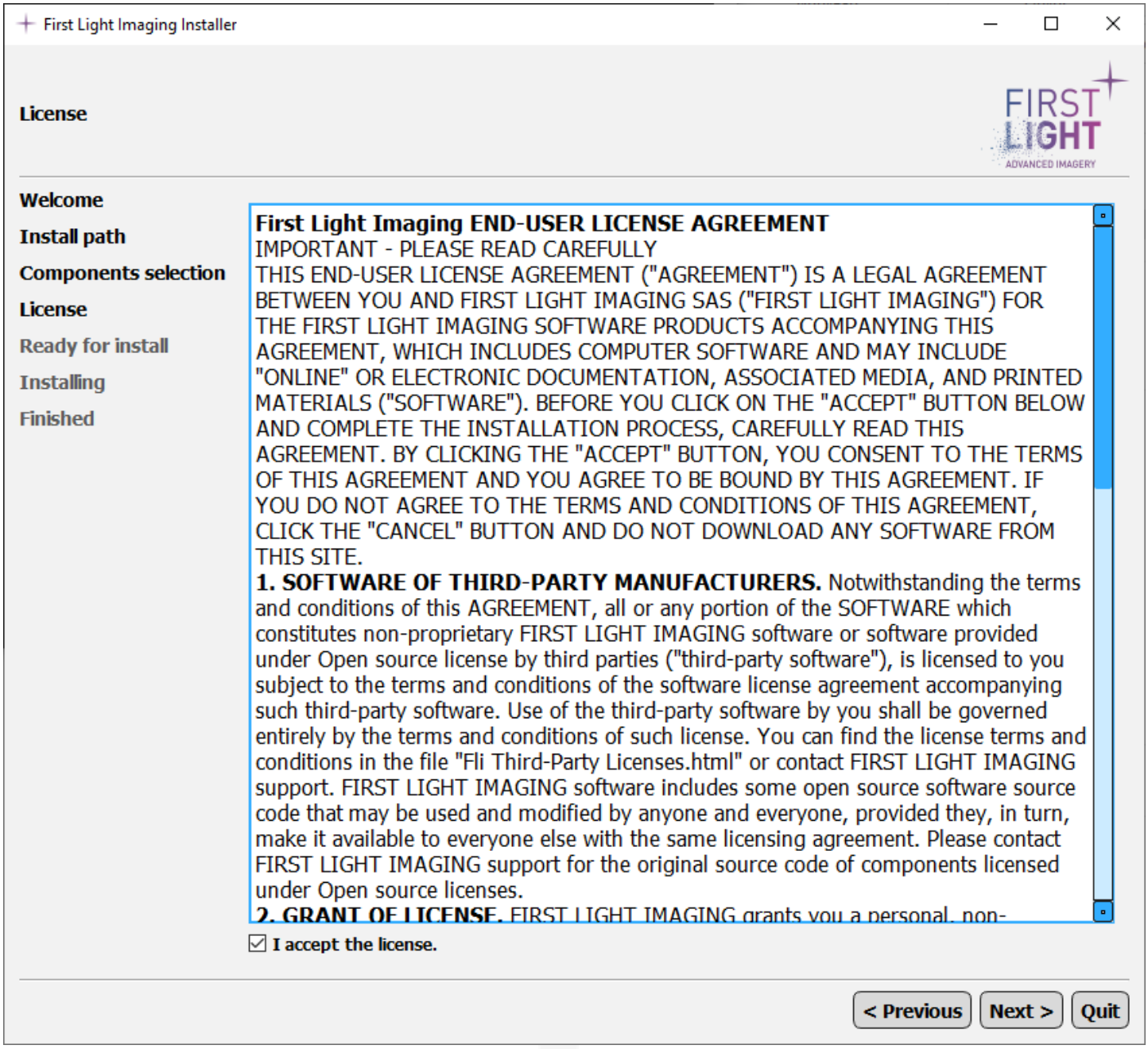


Fig. 4 : License agreement

Click on *Next,*

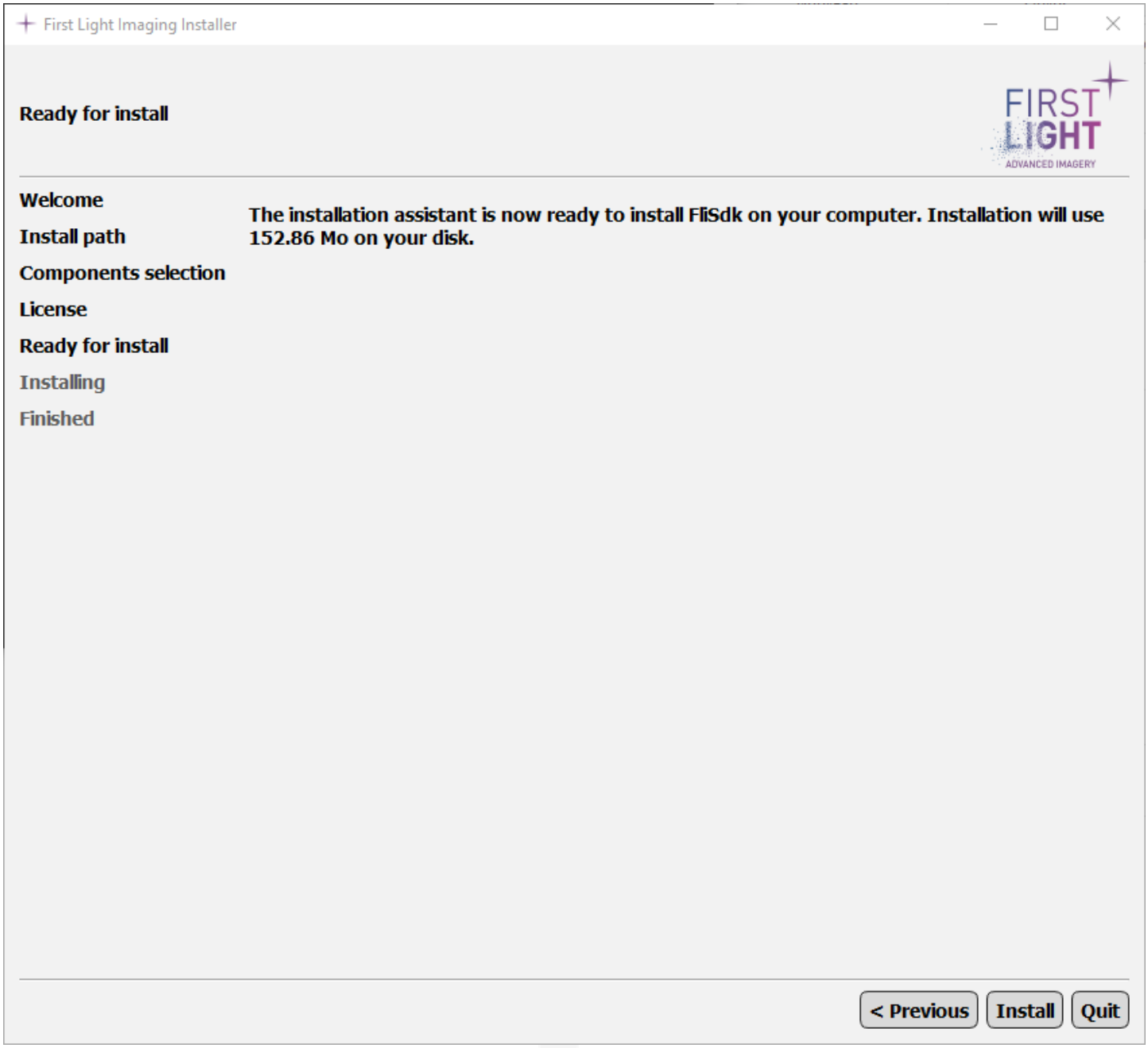


Fig. 5 : Launching install

Click on *Install* to launch the installation.

The installation progress window appears.

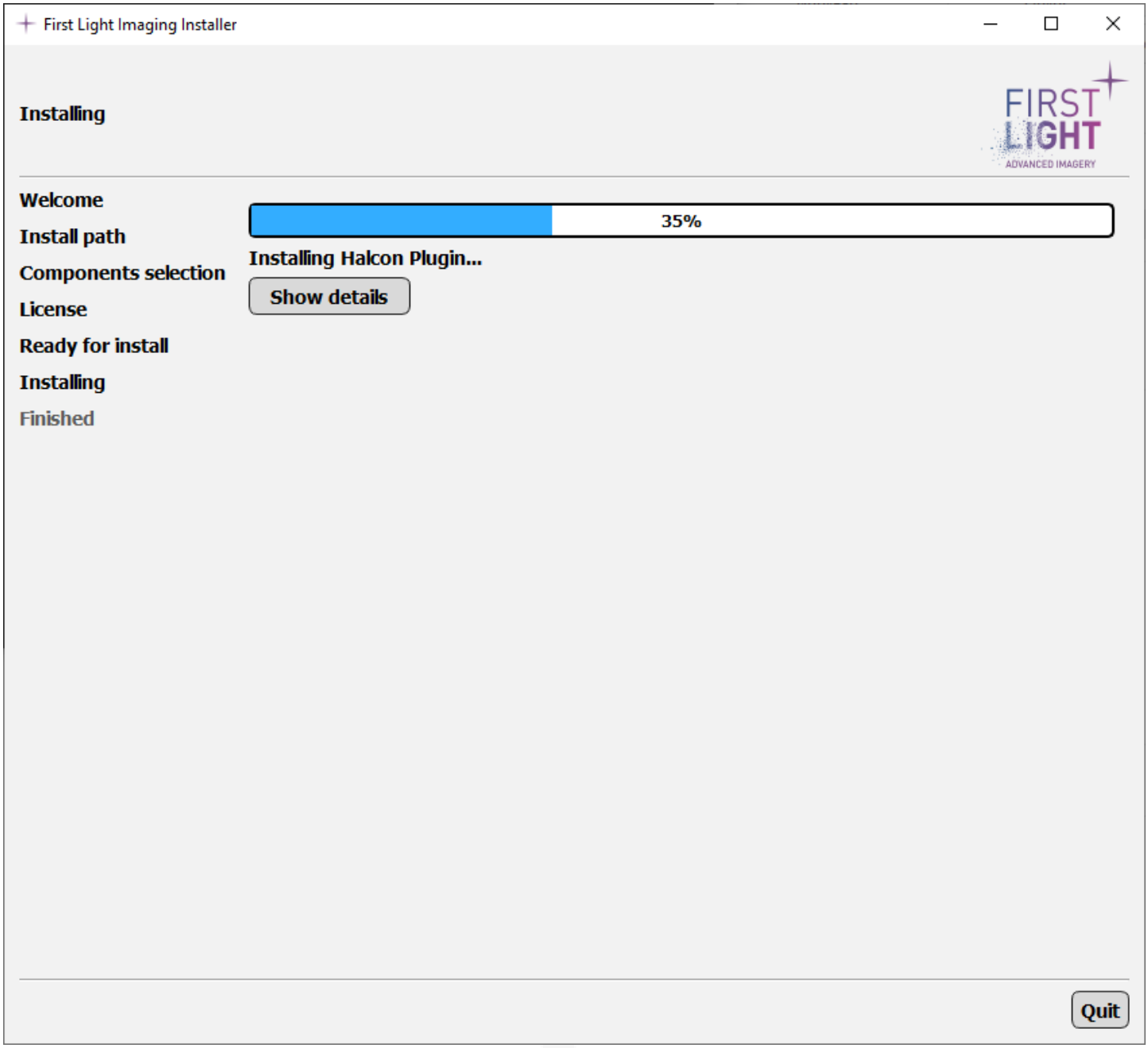


Fig. 6 : Installation progress

2.2. USB driver installation

At the end of the SDK installation, the driver installation is launched automatically.

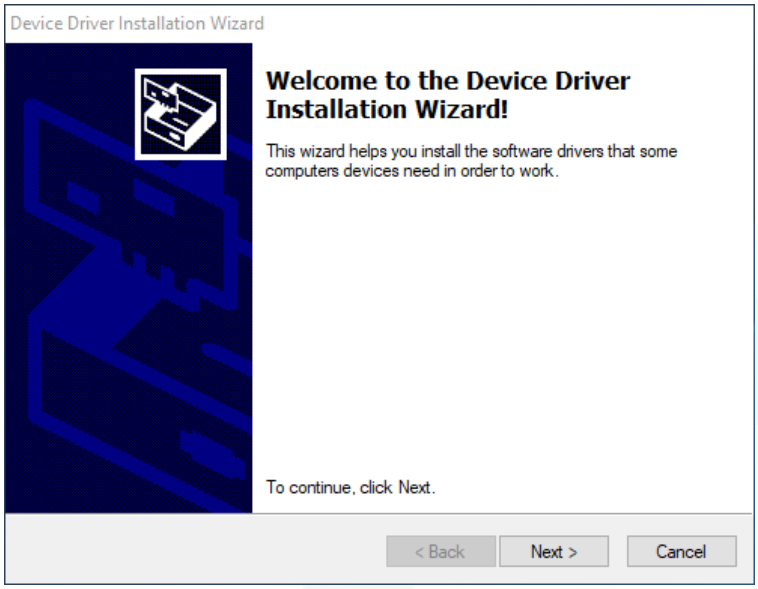


Fig. 7 : USB device driver installation setup

Click *Next* to perform driver installation.

One or several popup windows may appear to request user to confirm installation of the USB devices drivers.

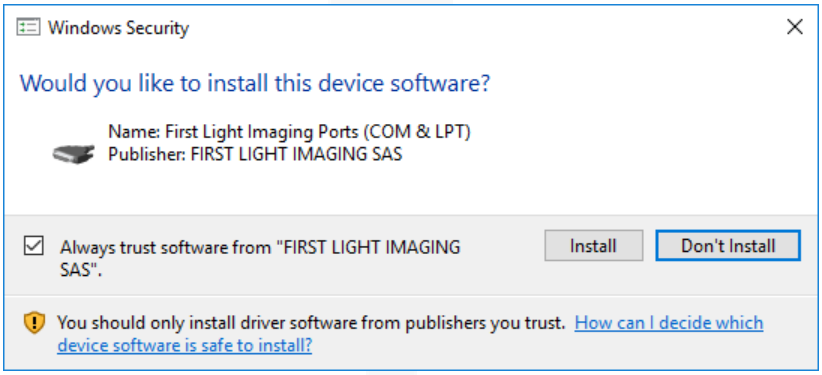


Fig. 8 : C-RED 2 serial port driver installation popup

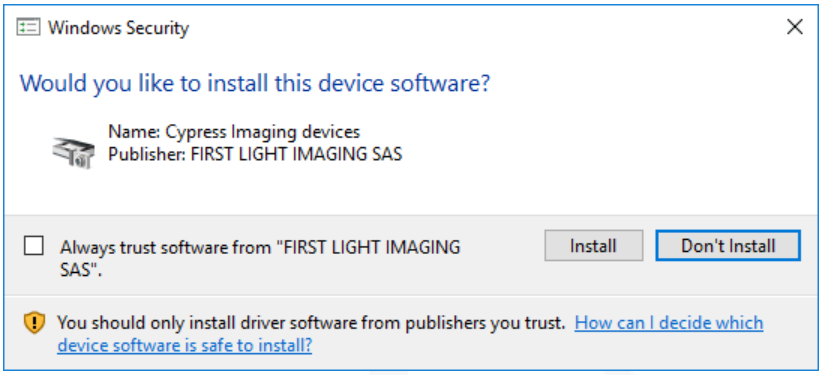


Fig. 9 : C-RED 2 acquisition driver installation popup

Checking *Always trust software from "FIRST LIGHT IMAGING SAS"* is optional. It checked, the First Light Imaging certificate will be added in the system and popup windows will no longer be displayed.

Click *Install* to perform driver installation.

At the end of the driver installation, a popup window is shown to indicate the status of the driver installation.

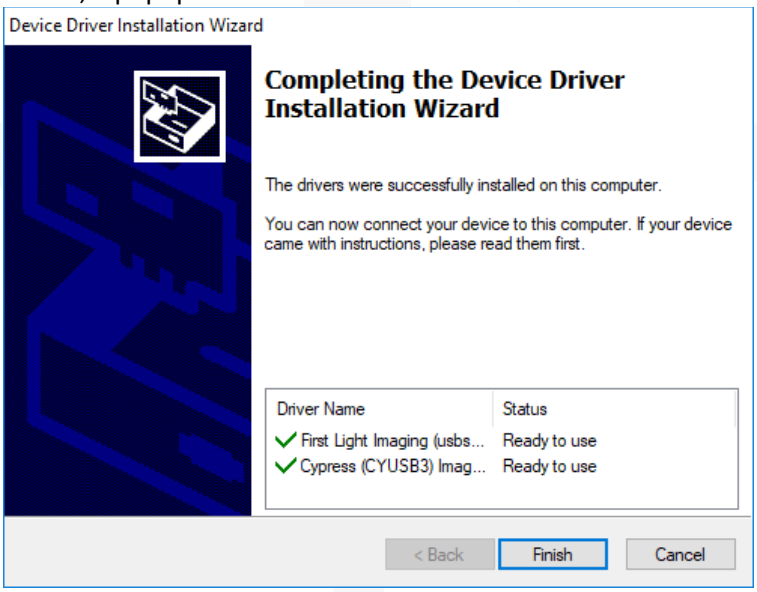


Fig. 10 : USB device driver installation completion

Click *Finish* to close the window.

A popup window indicating the end of the SDK installation appears.

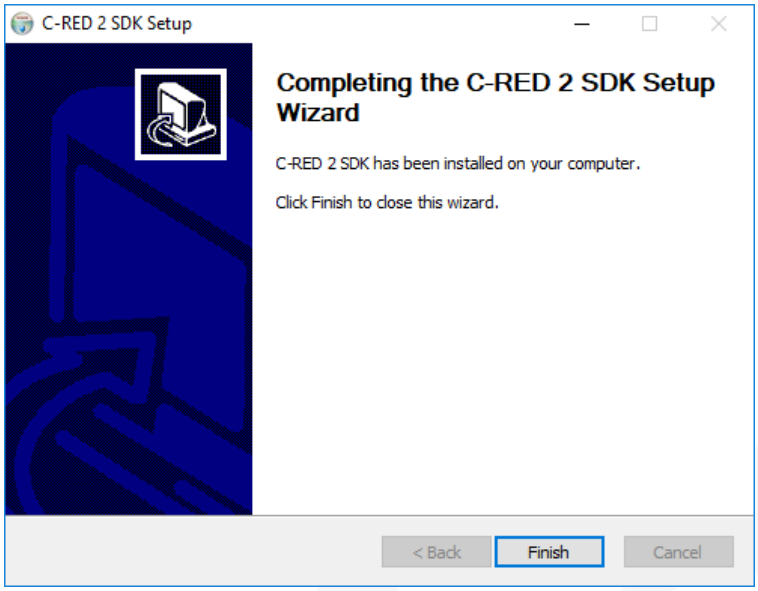


Fig. 11 : C-RED 2 SDK installation completion

Click *Finish* to close the window.

2.3. End of installation

The installation is now complete., click on *Next*,

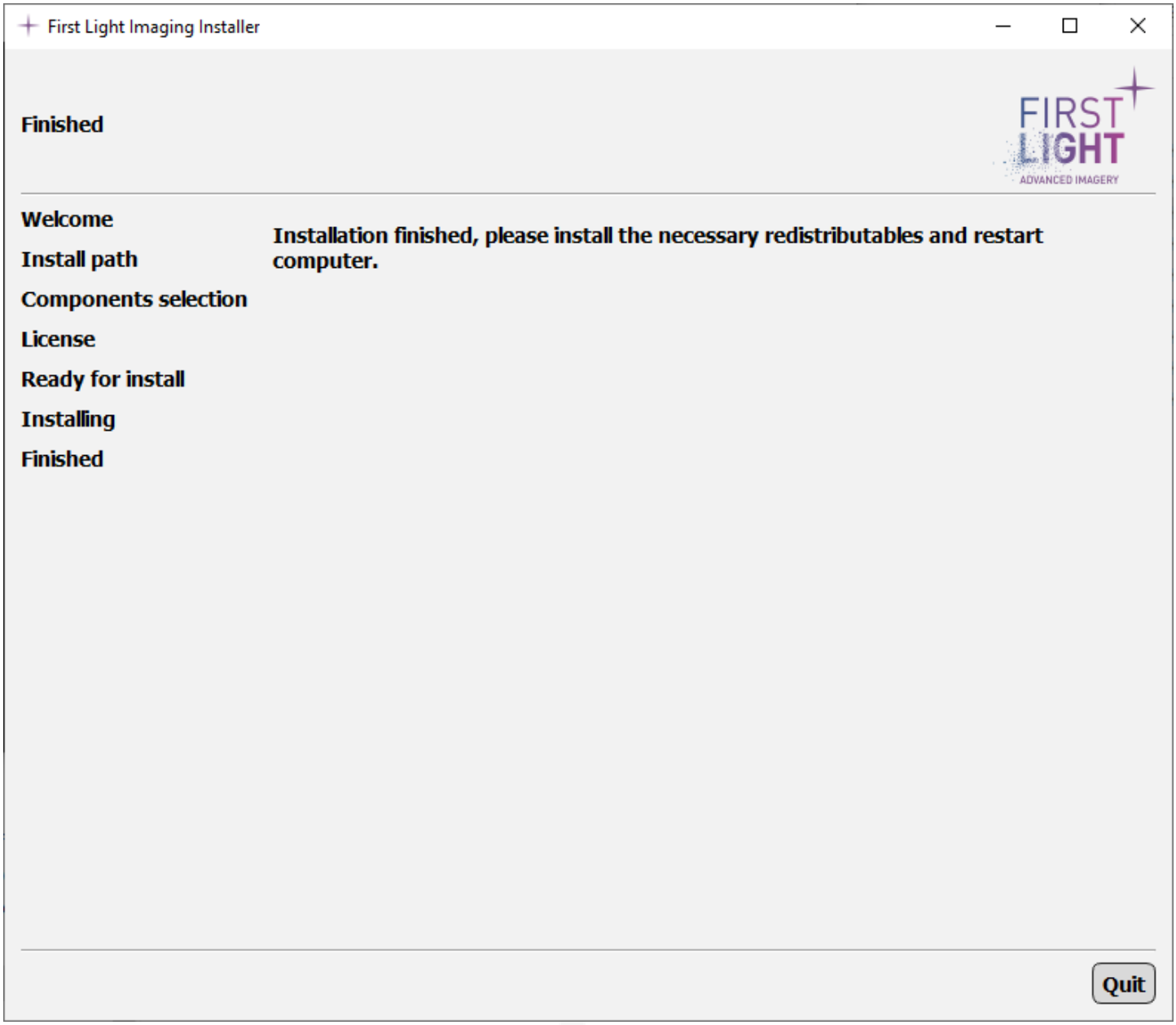
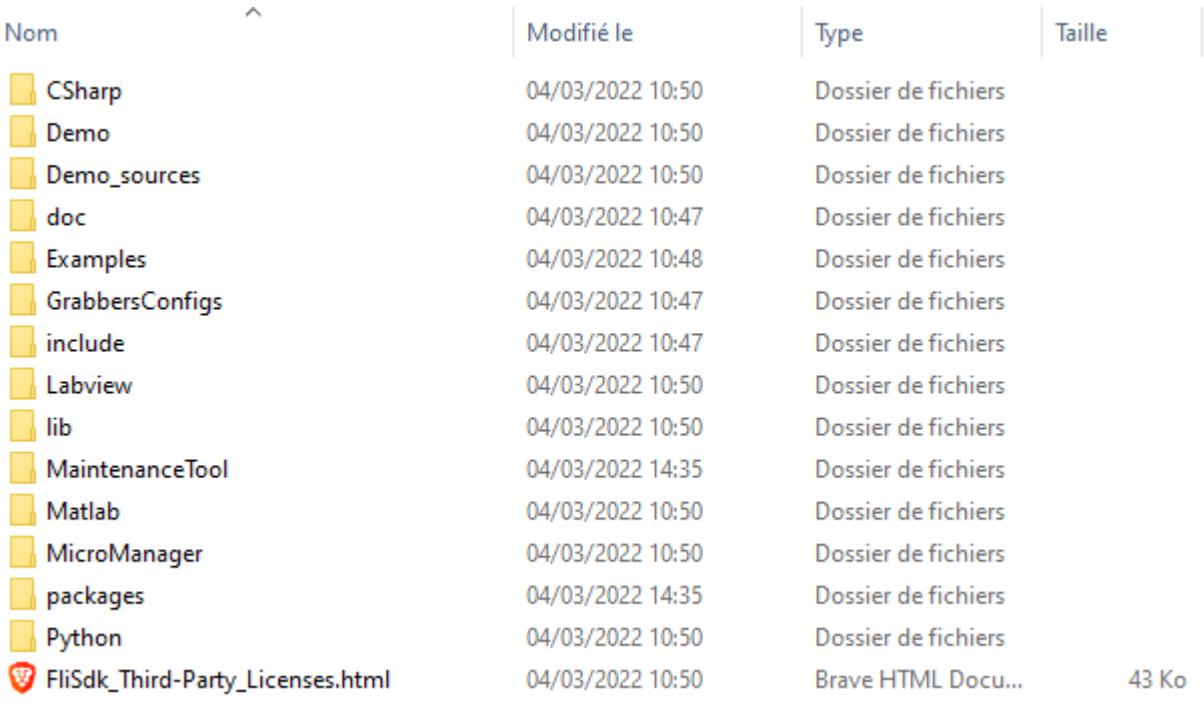


Fig. 12 : End of install

Click on *Quit* to end the installer.

3. Verification of proper installation.

Once your computer is rebooted, verify the installation directory, and check that you have the following:



Nom	Modifié le	Type	Taille
CSharp	04/03/2022 10:50	Dossier de fichiers	
Demo	04/03/2022 10:50	Dossier de fichiers	
Demo_sources	04/03/2022 10:50	Dossier de fichiers	
doc	04/03/2022 10:47	Dossier de fichiers	
Examples	04/03/2022 10:48	Dossier de fichiers	
GrabbersConfigs	04/03/2022 10:47	Dossier de fichiers	
include	04/03/2022 10:47	Dossier de fichiers	
Labview	04/03/2022 10:50	Dossier de fichiers	
lib	04/03/2022 10:50	Dossier de fichiers	
MaintenanceTool	04/03/2022 14:35	Dossier de fichiers	
Matlab	04/03/2022 10:50	Dossier de fichiers	
MicroManager	04/03/2022 10:50	Dossier de fichiers	
packages	04/03/2022 14:35	Dossier de fichiers	
Python	04/03/2022 10:50	Dossier de fichiers	
FliSdk_Third-Party_Licenses.html	04/03/2022 10:50	Brave HTML Docu...	43 Ko

Fig. 13 : Install directory