
Xilinx ISE Issues: Fixed

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Contents

0.1	Xilinx crushes while creating new project	1
0.2	Licensing Problem	1
0.3	Cable auto detection failed	1
0.4	Don't know how to burn code on Xilinx board	2
0.5	Want to contribute!	2

This documentation will help you in fixing common issues faced while using Xilinx ISE in Windows 8 and above versions. The problems are listed below, identify the one you have and get rid of it.

0.1 Xilinx crushes while creating new project

You might have faced problem of Xilinx ISE crushing while creating or opening new project. So here is the solution. Follow the instructions as mentioned below.

Fixing Project Navigator, iMPACT and License Manager

Note: I am assuming you are using ISE 14.7 and have installed it to the default location

1. Open the following directory: C:\Xilinx\14.7\ISE_DS\ISE\lib\nt64
2. Find and rename libPortability.dll to libPortability.dll.orig
3. Make a copy of libPortabilityNOSH.dll (copy and paste it to the same directory) and rename it libPortability.dll
4. Copy libPortabilityNOSH.dll again, but this time navigate to C:\Xilinx\14.7\ISE_DS\common\lib\nt64 and paste it there
5. In C:\Xilinx\14.7\ISE_DS\common\lib\nt64 Find and rename libPortability.dll to libPortability.dll.orig
6. Rename libPortabilityNOSH.dll to libPortability.dll

Figure 1: Fixing crash

0.2 Licensing Problem

Thanks to Rahul Singh who managed to get the new updated license. Click the below link to get the license.

[License link](#)

Note: The license is valid for one year only.

After downloading license, open **Xilinx ISE** -> **help** -> **manage license** -> **load**

Specify the license location and hit the refresh button. If you are able to see a lot of green blocks then you are done.

0.3 Cable auto detection failed

All your code has been synthesised, implemented and programmed but pc cannot detect the Xilinx cable. So here is the fix. Download and install the digilent adept software.

[Download link](#)

Note: First disconnect all Xilinx board cables and then run the installer. After installing, close the Digilent adept software if it pops up. Now your cable must be detected by pc.

0.4 Don't know how to burn code on Xilinx board

Well, follow the simplest tutorial given below.

[Tutorial link](#)

0.5 Want to contribute!

It is highly encouraged that if you have experienced any other issues or have better solutions to the problems addressed then please contribute to this documentation. To contribute, join me as a collaborator on github.

[Github link](#)

Thank You!