Issues running "Simulate Behavioral Model" on a Windows 8/10 OS. If you are receiving the following error:

ERROR:Simulator:861 - Failed to link the design

Process "Simulate Behavioral Model" failed

Please perform the following to fix the compatibility issue:

Fixing Project Navigator

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

Fixing PlanAhead not opening from 64-bit Project Navigator

PlanAhead will not open when you are running 64-bit Project Navigator (e.g. for I/O Pin Planning), it just displays the splash screen but never opens.

To fix it, we have to force PlanAhead to always run in 32-bit mode.

1. Open C:\Xilinx\14.7\ISE_DS\PlanAhead\bin and rename rdiArgs.bat to rdiArgs.bat.orig
2. Download the attached zip file
3. Extract it. You should now have a file named rdiArgs.bat
4. Copy the new rdiArgs.bat file to C:\Xilinx\14.7\ISE_DS\PlanAhead\bin