

Installation of iverilog

For Windows Operating System(OS)

1. Download iverilog

iverilog-10.1.1-x64_setup.exe (for 64-bit OS computer) or iverilog-10.0-x86_setup.exe for 32-bit OS computer) from the website link

<http://bleyer.org/icarus/>

Note: any other version is also OK. However, currently the above mentioned are the latest and tested versions.

2. Install the exe file. During this installation, if possible install it in C drive (though it is not necessary)

3. Set the environment variables for Iverilog and gtkwave. For this follow the steps given below.

a) right click on “This PC” or “My Computer”

b) Go to “advanced system settings”

c) A pop-up window opens. In that window go to Advanced and then click “Environmental Variables”

d) Under User Variables (on first half of the pop-up window”) check if you already have a variable named “PATH”. Do not confuse it with “Path” or “path”.

We need a variable “PATH” (case-sensitive)

Case1: If you find a variable name “PATH”, click on it and press “Edit”

in the variable value field append the following to whatever is currently in this field (Do not change or edit previous content else it may affect the existing programs):

C:\iverilog\bin;C:\iverilog\gtkwave\bin;

Case2: If you do not have “PATH” in the user variables, click on “New”

Specify the variable name as PATH

And variable value as

C:\iverilog\bin;C:\iverilog\gtkwave\bin;

The installation is complete. Refer to lab sheet on “General instructions for the lab” to use iverilog.

For Ubuntu or Linux users:

For installation of iverilog, refer to the following site for installation

http://iverilog.wikia.com/wiki/Installation_Guide#Obtaining_Snapshots