Instructions for Windows OS Users

To use Icarus Verilog and GTKwave as effectively and conveniently as possible you are strongly encouraged to install MobaXterm and configure it as follows:

Setting up the PATH for MobaXterm

Goto: Settings \rightarrow Configuration

Set the persistent home directory to your user account:

MobaXterm Configuration	×
🔒 General 🚺 Terminal X X11 📉 SSH 💽 Display 🎾 Toolbar 💸 Misc	
Persistent home directory _ProfileDir_ 📂 🖡	
Persistent root (/) directory < Temp directory> 📂 🖡	
Default text editor program	
MobaXterm passwords management MobaXterm keyboard shortcuts Night-click menu on Windows folders Automatically backup MobaXterm configuration file	*
OK S Cancel	

Set the startup directory for the terminal session to your user account:

Terminal \rightarrow Session \rightarrow Shell

	ngs											
N		°	X					N			3	8
SSH	Telnet	Rsh	Xdmcp	RDP	VNC	FTP	SFTP	Serial	File	Shell	Browser	Mosh
è Ba	asic Shell s	ettings										
Ter	rminal shell	🚵 Bas	h		\sim	Startu	ıp directory	C:\Use	rs\talarico		2	
> Ad	lvanced She	ll settings	5 💽 T	erminal s	ettings	🛨 Boo	kmark settii	ngs				
			L	ocal sh	ell sessi	on				I	>	

Create a .bash_profile file with the following content.

```
if [ -f ~/.bashrc ]; then
source ~/.bashrc
fi
export PATH=$PATH:/drives/c/iverilog/bin:/drives/c/iverilog/gtkwave/bin
```

Create a .bashrc file with the following content.

```
#!/bin/bash
alias ll='ls -lA'
alias la='ls -A'
```

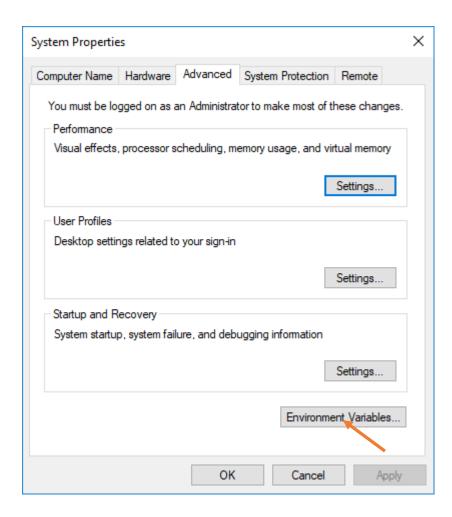
The .bashrc_profile and the .bashrc files must be placed in your persistent home directory.

Alternative Instructions for Windows OS Users

If you decide to do not install MobaXterm, you can invoke Icarus Verilog and GTKwave directly form the Run Command window. However, to use Icarus Verilog and GTKWave as painlessly as possible make sure to configure your machine as follows:

Setting the PATH under Windows OS:

Click on the window symbol and start typing environment variables:



Click on Environment Variables

Variable	Value					
OneDrive	C:\Users\Administrator\OneDrive					
Path	C:\Users\talarico\AppData\Local\Microsoft\WindowsApps;					
TEMP	C:\Users\talarico\AppData\Local\Temp					
TMP	C:\Users\talarico\AppData\Local\Temp					
		_				
	New Edit Delete					
	New Edit Delete					
stem variables	New Edit Delete					
stem variables Variable	Value	^				
		^				
Variable ComSpec NUMBER_OF_PROCESSORS	Value C:\Windows\system32\cmd.exe 4	^				
Variable ComSpec	Value C:\Windows\system32\cmd.exe	^				
Variable ComSpec NUMBER_OF_PROCESSORS	Value C:\Windows\system32\cmd.exe 4					
Variable ComSpec NUMBER_OF_PROCESSORS OS	Value C:\Windows\system32\cmd.exe 4 Windows_NT					
Variable ComSpec NUMBER_OF_PROCESSORS OS Path	Value C:\Windows\system32\cmd.exe 4 Windows_NT C:\Program Files (x86)\Intel\iCLS Client\;C:\Program Files\Intel\iCL .COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC					
Variable ComSpec NUMBER_OF_PROCESSORS OS Path PATHEXT PROCESSOR_ARCHITECTURE	Value C:\Windows\system32\cmd.exe 4 Windows_NT C:\Program Files (x86)\Intel\iCLS Client\;C:\Program Files\Intel\iCL .COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC					
Variable ComSpec NUMBER_OF_PROCESSORS OS Path PATHEXT	Value C:\Windows\system32\cmd.exe 4 Windows_NT C:\Program Files (x86)\Intel\iCLS Client\;C:\Program Files\Intel\iCL .COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC AMD64					

Go on Path under System Variables and click Edit

Add the two New paths shown at the bottom:

dit environment variable	×
C:\Program Files (x86)\Intel\iCLS Client\	New
C:\Program Files\Intel\iCLS Client\	
C:\ProgramData\Oracle\Java\javapath	Edit
%SystemRoot%\system32	
%SystemRoot%	Browse
%SystemRoot%\System32\Wbem	
%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\	Delete
C:\Program Files\MATLAB\R2017a\bin	
C:\Program Files (x86)\IVI Foundation\VISA\WinNT\Bin\	
C:\Program Files\IVI Foundation\VISA\Win64\Bin\	Move Up
C:\Program Files (x86)\Intel\Intel(R) Management Engine Component	
C:\Program Files\Intel\Intel(R) Management Engine Components\DAL	Move Down
C:\Program Files (x86)\Intel\Intel(R) Management Engine Component	
C:\Program Files\Intel\Intel(R) Management Engine Components\IPT	
C:\iverilog\bin	Edit text
C:\iverilog\gtkwave\bin	
ОК	Cancel
UK	