

Install or Update Dongle Licencing on Windows

Current Licence version is 9.5 for ModelSim 6.1, Precision 2005 and Leonardo 2005
Current Licence version is 8.2 for HDL Designer/Author 2005

1 INSTALL INSTRUCTIONS FOR THE DONGLES

To successfully install/update dongle drivers please do the following. See table below for file locations.

1. Create a directory called flexlm on the c: drive
2. For USB (9- series) dongles, copy hdd32.exe to c:\flexlm and double-click to install, see note 1 below
3. To (re-)install dongle drivers (including USB), copy flexid.exe to c:\flexlm, execute and re-boot
4. To check the dongle is seen, invoke lmtools.exe and check the FLEXID field on the System Settings tab

2 INSTALLING A NODE-LOCKED LICENCE

To install a node-locked licence, please do the following:

1. Save your licence file in c:\flexlm
2. Set an environment variable named LM_LICENSE_FILE (note the spelling) to point to the file i.e.:
LM_LICENSE_FILE = c:\flexlm\license.dat
3. Invoke the tool

3 INSTALLING A FLOATING LICENCE

To install a floating licence on a Windows machine, please do the following:

1. If required, set up (or upgrade) a server as described in the application note "Quick License Setup Guide" at www.saros.co.uk/appsnotes
2. Set an environment variable LM_LICENSE_FILE (note the spelling) to point to the licence server i.e.
LM_LICENSE_FILE = 1650@server
3. Invoke the tool

File locations

Executable Tool	hdd32.exe	flexid.exe	FlexLM utilities (lmtools, lmutil, lmgrd, mgcld)
ModelSim (all):	\drivers\alt_usb_drivers\hdd32	\drivers	win32(pe)
Precision	-	Mgc_home\bin (flexidsilent.exe)	Mgc_home\bin
Leonardo	-	\bin\win32	\bin\win32
HDL Designer/Author	-	\bin	\bin
Internet (not mgcld)	ftp://ftp.ealaddin.com/pub/hasp/new_releases/driver/HDD32.zip	-	http://www.macrovision.com/support/by_catagory/lmgrd_download.shtml

Notes

1. Step 2 in section 1 is required due to a hardware driver issue in many versions of Windows 2000 and XP.
2. For all versions of ModelSim except Designer you need to load a simulation (VSIM> prompt) to check out a licence.
3. For more than one licence file/server, use a semi-colon separator on the LM_LICENSE_FILE variable i.e.:
LM_LICENSE_FILE = 1650@server;c:\flexlm\license.dat
4. Parallel port dongles do not always work with a bi-directional cable attached (i.e. printer, FPGA download cables etc)

DISCLAIMER

This application note is provided in good faith, and is intended to offer some guidance and ideas as to how you might improve the effectiveness with which you use our tools in the implementation of your designs. Whilst we make every endeavour to ensure the correctness of the information herein you should verify its suitability for use in your design as Saros Technology can accept no liability for any damages arising from its use howsoever caused.