Using the LeonardoSpectrum to Precision Script Converter

Overview

A free LeonardoSpectrum to Precision script converter has been developed as userware to assist in the transition process. This converter does not cover 100% of the LeonardoSpectrum commands or methodologies but has been shown to be quite useful.

This script converter is written in perl and will require the installation of a perl interpreter installed on your computer. A free download is available at:

http://www.activestate.com/Products

This script converter will perform the following conversions:

- ✓ Technology, device and speedgrade conversion
- ✓ Reading of VHDL, Verilog and EDIF design files
- ✓ Reading Xilinx Core Generator netlists

Note *Timing and LeonardoSpectrum specific constraints will be left in the converted script as comments in the Precision script but will not be converted*

Using the LS Script Converter

To run the LeonardoSpectrum script converter type the following command from a DOS or UNIX prompt

usage : ”perl ls2p.pl" [arguments]

[-in <string>]	-- Specifies the name of Leo tcl script to be converted. Defaults to "run.tcl" if no input file is given.
[-out <string>]	-- Specifies the desired name of the Precision tcl script. Defaults to "precision_script.tcl" if no output file is given

Example:

```
> perl ls2p.ps –in leo_script.tcl –out precision_script.tcl
```

For more help contact your local Mentor Graphics customer support office