An issue came up with the Initial set of seminars where certain IP was not installed on customer Laptops. If the Laptop does not have access to the internet then the Libero tools (if configured to do so) cannot gain access to the Microsemi (Actel) web pages to be able to dynamically download the needed files for that IP.

To overcome that issue, a folder is included with the revA1 release of this Lab series. We think that we have identified all of the needed IP elements that the Lab might need and provide a methodology to install them into your Laptops vault so that they are available when you start Lab3_part2.

Open Libero11.7 (SP1)

You do not need to open a project, but you can if you wish

1). First we will check that we have properly set up the tools to finds the online cores.

   Project -> Vault/Repositories Settings...   (You should already have set the following)

 Repositories:

  www.actel-ip.com/repositories/DirectCore

  www.actel-ip.com/repositories/Firmware

  www.actel-ip.com/repositories/SgCore

 Vault location:

  C:\tools\Microsemi\Common\Vault

    (this will be wherever you or the Tools Install located it)

    (notice that this is NOT in the version of the tools that I have loaded,)

    (but rather one level up so that in the future when I install a newer)

    (release of the tools I will still have my older IP)

2). Now we are going to install the missing IP so that the Lab3_part2 can work.

   View -> Windows -> Catalog

3). In the upper right corner of the Catalog window, there is a 'Gear' for adjusting the tool settings.

   Pick: Add Core to Vault

4). An overlay window will open called Add Core to Vault

    Change the path to look into C:\Future\FPGA\Microsemi\Vault\cpzfiles   (this is where we copied the misssing IP cpz files)

3). Select all the files, and click Open.

Libero will attempt to load the selected files.

Some of them will have an error, but if you read the error, it will say that the items is already installed.

Check each one just to be safe.

Lab3_part2 should now work as designed.

Here are the locations of all the IP that can be downloaded in case I have missed one that is still needed.

http://www.actel-ip.com/cwps/download_index/DirectCore

http://www.actel-ip.com/cwps/download_index/SgCore

http://www.actel-ip.com/cwps/download_index/Firmware

And here is some more instructions regarding getting IP from the Microsemi WEB pages.

http://soc.microsemi.com/kb/article.aspx?id=SL5608

PATCH for Lab3_part2	revA	19-Oct-2016	Daryl Lee Specter
PATCH for Lab3_part2 minor wording changes	revA1	23-Oct-2016	Daryl Lee Specter