Frequently Asked Questions

Version 1.2

Revision History

Revision	Description of Change	Date
v1.1	Initial creation for OpenCPI 1.1	3/2017
v1.2	Updated for OpenCPI Release 1.2	8/2017

1 General Questions

Is the RPM suite a standalone install?

Yes, the RPMs distributed by the ANGRYVIPER team incorporates and extends the Free / Open Source Project "OpenCPI." Any OpenCPI installation documents that still exist are for reference and legacy users. All other OpenCPI documentation still applies and should be referenced. Do **not** attempt to install OpenCPI from source at the same time as the RPM distribution.

2 Install-Specific Questions

Does it matter what version of CentOS is used?

Both CentOS 6 and CentOS 7 are supported as long as the proper version of the RPM is used. Local hardware support (*e.g.* PCIe-based platforms) is officially supported on both OS releases starting with Version 1.1.

3 General Usage Questions

Make error: "* isim not an available HDL platform. Stop."**

Either the Base Project was never built, or the variable `OCPI_PROJECT_PATH` is not set. This is explained in the *Getting Started Guide*.

I am trying to run a demo application with "ocpirun" and artifacts are not being found.

The usual causes of this are:

- Base Project was not built for the target platform
  - Consult the *Getting Started Guide*
- `OCPI_LIBRARY_PATH` was not properly set
  - View the artifacts being checked by adding "`-l 8`" on the `ocpirun` command line to increase the logging level

4 Xilinx-Specific Questions

Are there any other setups I need to perform on the Xilinx Vivado or ISE side?

No, we abstract away a lot of the requirements if you simply install it in `/opt/Xilinx` and point the setup variables to it (see `/opt/opencpi/cdk/env.d/xilinx.sh.example` and the *RPM Installation Guide*).

Additionally, importing the Xilinx setup scripts, *e.g.* "`source/opt/Xilinx/14.7/ISE_DS/settings64.sh`" or "`source/opt/Xilinx/Vivado/2017.1/settings64.sh`", can cause other problems and **should not be performed**.

The ZedBoard comes with a license, but it is for the Vivado tools.

Xilinx's "WebPack" Vivado or ISE license is sufficient to do anything with the ZedBoard.

ISE Note: As for purchasing, you can "rollback" a Vivado license by contacting Xilinx and they will issue you an ISE license with the same expiration with a gentleman's agreement that you won't use both at the same time.