

Team Name: sddec21-02

Team Members:

Matthew Dwyer

Prince Tshombe

Cody Tomkins

Spencer Davis

Braedon Giblin

Report Period: Nov. 9 -22

Summary of Progress in this Period

- **Matt** - Pushed updated code to the repositories for other team members to perform additional debugging. Spent time attempting to get remote-port packet writing working. At this time it still isn't working. Attempted to isolate the issue by removing additional QEMU connection and debugging the application from both the device and SystemC ends to no avail. Beginning to document remote port progress and craft demo out of working portions.
 - **Prince Tshombe** - working on updating the website, and updates all the required documents for final presentation.
 - **Cody Tomkins** - Began work on final report, have completed the design portion of the document. Began looking into some of the remote port issues that Matt was having, but have not been successful in diagnosing the problem.
 - **Braedon Giblin** - IIO system is working. Set up a VNC server on a remote linux VM and installed an IIO oscilloscope that connects and displays raw data from a simulated system. System simulation is documented.
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Pending Issues

- Remote-port writing is still not working
 - Remote-port demo is stalled
 - Remote-port syncing of simulation time is not fully understood
 - Crafting and writing correct packets to the remote port not working yet
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Plans for Upcoming Reporting Period

Cody- Continue working on the final report, create the final poster and prepare for our final presentation. If possible, continue diagnosing remote port problems and attempt to find a solution.

Braedon - SystemC interaction with IIO interface. This is simply a matter of accessing memory mapped registers from linux driver code

Weekly Hours Worked

Team Member	Hours Worked (Both weeks combined)
Matthew Dwyer	8
Prince Tshombe	8
Cody Tomkins	8
Spencer Davis	8
Braedon Giblin	8