

Xilinx u250

System Description



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How to compile and run an example code

with 2020.2	with 2022.1
<h3>Copy example to your user space</h3> <pre>cp -r /opt/xilinx/Vitis/2020.2 /examples examples20 cd examples20/vadd # replace "XDEVICE=xilinx_u200_xdma_201920 _1" # with "XDEVICE=xilinx_u250_xdma_201830 _2" # in vitis.mk</pre>	<h3>Copy example to your user space</h3> <pre>cp -r /opt/xilinx/Vitis/2022.1 /examples examples22 cd examples22/vadd # replace "XDEVICE=xilinx_u200_xdma_201920_1" # with "XDEVICE=xilinx_u250_gen3x16_xdma_4_ 1_202210_1" # in vitis.mk</pre>
<h3>Compile it</h3> <pre>scl enable devtoolset-9 bash source /opt/xilinx/Vitis/2020.2 /settings64.sh source /opt/xilinx/xrt/setup. sh # go to your examples/vadd/ make -f vitis.mk host make -f vitis.mk xbin_hw # this will take a few hours to complete</pre>	<h3>Compile it</h3> <pre>scl enable devtoolset-9 bash source /opt/xilinx/Vitis/2022.1 /settings64.sh source /opt/xilinx/xrt/setup.sh # go to your examples/vadd/ make -f vitis.mk host make -f vitis.mk xbin_hw # this will take a few hours to complete</pre>
<h3>Run it</h3> <pre>source /opt/xilinx/xrt/setup.sh ./vadd bin_vadd_hw.xclbin</pre>	<h3>Run it</h3> <pre># !! this does not work yet, we need to update the shell source /opt/xilinx/xrt/setup.sh ./vadd bin_vadd_hw.xclbin</pre>