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# File generated by Vivado(TM) HLS - High-Level Synthesis from C, C++ and SystemC

# Version: 2017.2

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CSIM\_DESIGN = 1

\_\_SIM\_FPO\_\_ = 1

\_\_SIM\_OPENCV\_\_ = 1

\_\_SIM\_FFT\_\_ = 1

\_\_SIM\_FIR\_\_ = 1

\_\_SIM\_DDS\_\_ = 1

ObjDir = obj

HLS\_SOURCES = ../../../../../../../../../../home/drsatya/Desktop/lab1/matrixmul\_test.cpp ../../../../../../../../../../home/drsatya/Desktop/lab1/matrixmul.cpp

TARGET := csim.exe

AUTOPILOT\_ROOT := /opt/Xilinx/Vivado\_HLS/2017.2

AUTOPILOT\_MACH := lnx64

ifdef AP\_GCC\_M32

AUTOPILOT\_MACH := Linux\_x86

IFLAG += -m32

endif

IFLAG += -fPIC

ifndef AP\_GCC\_PATH

AP\_GCC\_PATH := /opt/Xilinx/Vivado\_HLS/2017.2/lnx64/tools/gcc/bin

endif

AUTOPILOT\_TOOL := ${AUTOPILOT\_ROOT}/${AUTOPILOT\_MACH}/tools

AP\_CLANG\_PATH := ${AUTOPILOT\_TOOL}/clang-3.9/bin

AUTOPILOT\_TECH := ${AUTOPILOT\_ROOT}/common/technology

IFLAG += -I "${AUTOPILOT\_TOOL}/systemc/include"

IFLAG += -I "${AUTOPILOT\_ROOT}/include"

IFLAG += -I "${AUTOPILOT\_ROOT}/include/opencv"

IFLAG += -I "${AUTOPILOT\_ROOT}/include/ap\_sysc"

IFLAG += -I "${AUTOPILOT\_TECH}/generic/SystemC"

IFLAG += -I "${AUTOPILOT\_TECH}/generic/SystemC/AESL\_FP\_comp"

IFLAG += -I "${AUTOPILOT\_TECH}/generic/SystemC/AESL\_comp"

IFLAG += -I "${AUTOPILOT\_TOOL}/auto\_cc/include"

IFLAG += -I "/usr/include/x86\_64-linux-gnu"

IFLAG += -D\_\_SIM\_FPO\_\_

IFLAG += -D\_\_SIM\_OPENCV\_\_

IFLAG += -D\_\_SIM\_FFT\_\_

IFLAG += -D\_\_SIM\_FIR\_\_

IFLAG += -D\_\_SIM\_DDS\_\_

IFLAG += -g

DFLAG += -D\_\_xilinx\_ip\_top= -DAESL\_TB

CCFLAG +=

include ./Makefile.rules

all: $(TARGET)

$(ObjDir)/matrixmul\_test.o: ../../../../../../../../../../home/drsatya/Desktop/lab1/matrixmul\_test.cpp $(ObjDir)/.dir

$(Echo) " Compiling ../../../../../../../../../../home/drsatya/Desktop/lab1/matrixmul\_test.cpp in $(BuildMode) mode" $(AVE\_DIR\_DLOG)

$(Verb) $(CC) ${CCFLAG} -c -MMD $(IFLAG) $(DFLAG) $< -o $@ ; \

-include $(ObjDir)/matrixmul\_test.d

$(ObjDir)/matrixmul.o: ../../../../../../../../../../home/drsatya/Desktop/lab1/matrixmul.cpp $(ObjDir)/.dir

$(Echo) " Compiling ../../../../../../../../../../home/drsatya/Desktop/lab1/matrixmul.cpp in $(BuildMode) mode" $(AVE\_DIR\_DLOG)

$(Verb) $(CC) ${CCFLAG} -c -MMD $(IFLAG) $(DFLAG) $< -o $@ ; \

-include $(ObjDir)/matrixmul.d