```makefile
.SUFFIXES : .o .vhdl

.vhdl.o :
        ghdl -a  $<


#-------------------------------------------------------------------------------
# Source Directories
#-------------------------------------------------------------------------------
MUX     = /home/young/MyWork/VLSI/a.Cblocks/Mux/rtl
PKG     = /home/young/MyWork/5.cordic_vhdl/e.package

#-------------------------------------------------------------------------------
# Target Directories
#-------------------------------------------------------------------------------
CORDIC = /home/young/MyWork/5.cordic_vhdl/b.rtl


#-------------------------------------------------------------------------------
import_files :
        \cp ${MUX}/c7.mux.vhdl       .
        \cp ${PKG}/cordic_pkg.vhdl   .


#-------------------------------------------------------------------------------
# make CONF=mux run or make CONF=rtl run
#-------------------------------------------------------------------------------
# CONF        = mux
# CONF        = rtl
#-------------------------------------------------------------------------------
# CNF_bshift = c3.bshift_tb_conf.mux.o  \
# CNF_bshift = c3.bshift_tb_conf.rtl.o  \
#-------------------------------------------------------------------------------
CONF        = mux

CNF_bshift = c3.bshift_tb_conf.${CONF}.o  \

OBJ         = cordic_pkg.o                 \
              c7.mux.o                     \
              c3.bshift.o                  \
              c3.bshift.${CONF}.o          \
              c3.bshift_tb.o               \
              c3.bshift_tb_conf.${CONF}.o  \

EXE         = bshift_tb bshift_tb_conf


conf :  ${OBJ} clean_exe
        ghdl -e bshift_tb_conf
```

```makefile
run : import_files  clean conf
        ghdl -r bshift_tb_conf --stop-time=1us --vcd=bshift.vcd
        # --disp-tree=inst --stop-time=1us --vcd=bshift.vcd
        # gtkwave bshift.vcd &


#-------------------------------------------------------------------------------
FILES =  c3.bshift.vhdl
FILES += c3.bshift.${CONF}.vhdl

export_files :
        echo ${FILES} > filelist
        \mv filelist  ${CORDIC}
        \cp ${FILES}  ${CORDIC}


#-------------------------------------------------------------------------------
clean :
        \rm -f *.o *~ *# *.cf *.tar .print
        \rm -f *_tb
        \rm -f *_conf
        \rm -f *.vcd
        \rm -f ${EXE}

clean_exe :
        \rm -f ${EXE}

#-------------------------------------------------------------------------------
SRC         = cordic_pkg.vhdl                \
              c7.mux.vhdl                    \
              c3.bshift.vhdl                 \
              c3.bshift.rtl.vhdl             \
              c3.bshift.mux.vhdl             \
              c3.bshift_tb.vhdl              \
              c3.bshift_tb_conf.rtl.vhdl     \
              c3.bshift_tb_conf.mux.vhdl     \


print :
        more makefile ${SRC}   > bshift.print

tar :
        mkdir src
        cp makefile ${SRC} src
        tar cvf bshift.tar src
        \rm -fr src
```