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#-----
# ##### Written by Abramov Benjamin #####
#-----
echo Start of Simulation
#-----
# prepare workspace
#-----
# your workspace full path
set path_to_sim_lib c:/_test/stam
# your project ordered file list
set file_list [list "rcamp.vhd" "csa.vhd" "csa_tb.vhd"]
# your project top level
set top_level work.csa_tb
# set run time at online by user- (full flow contro)
#puts "Set the simulation runtime including time units"
#gets stdin run_time
# alternative way: set run time by set command as constant
set run_time "1000 ns"
#-----
# compile and run
#-----
cd $path_to_sim_lib
if {[file exists work]} {exec vlib work}
vmap work work
foreach file_name $file_list {vcom -93 -quiet -work work $file_name}
vsim -title $top_level $top_level
# for simulation with wave configuration script
#do wave.do
# general case
add wave -r *
run $run_time
#-----
# exit from simulation and clear workspace
#-----
set answer [tk_messageBox \
            -type yesno \
            -message "Close simulation and clear workspace" \
            -title "End of current simulation"]
switch -- $answer {
    yes {
        quit -sim
        vdel -all
        cd ../
    }
    no {tk_messageBox -message "Enjoy" -type ok}
}
#-----

```