**STRESS TESTING**

Add end part of output script at the end of page

Shell Script: StressTestApp.sh

*#!/usr/bin/env bash -e*

*NUM\_PROCESSES=0*

*NUM\_LOOPS=0*

*WAITALL\_DELAY=1*

*while [ "$1" != "" ]; do*

*case "$1" in*

*"-NumBackGroundProcesses")*

*NUM\_PROCESSES=$2*

*shift; shift*

*;;*

*"-NumberLoop")*

*NUM\_LOOPS=$2*

*shift; shift*

*;;*

*\*)*

*echo "Unexpected argument: $1"*

*exit 1*

*;;*

*esac*

*done*

*if [ $NUM\_PROCESSES -eq 0 ] ; then*

*echo "Must specify at-least one background processes."*

*exit 1*

*fi*

*if [ $NUM\_LOOPS -eq 0 ] ; then*

*echo "Must specify at-least one loop."*

*exit 1*

*fi*

*echo $NUM\_PROCESSES $NUM\_LOOPS*

*declare -a pids*

*# run processes and store pids in array*

*for i in `seq 1 $NUM\_PROCESSES`; do*

*./gradlew testRelease $NUM\_LOOPS &*

*pids[${i}]=$!*

*echo "Test ${pids[i]} started at $(date)."*

*done*

*waitall() { # PID...*

*## Wait for children to exit and indicate whether all exited with 0 status.*

*local errors=0*

*while :; do*

*for pid in "$@"; do*

*shift*

*if kill -0 "$pid" 2>/dev/null; then*

*set -- "$@" "$pid"*

*elif wait "$pid"; then*

*debug "Test $pid finished successfully at $(date)."*

*else*

*error "Test $pid failed at $(date)."*

*((++errors))*

*fi*

*done*

*(("$#" > 0)) || break*

*sleep ${WAITALL\_DELAY:-1}*

*done*

*((errors == 0))*

*}*

*debug() { echo "DEBUG: $\*" >&2; }*

*error() { echo "ERROR: $\*" >&2; }*

*# wait for all pids*

*waitall ${pids[\*]}*

To Run above script pass below parameters:

First parameter is NUM\_PROCESSES

Second parameter is NUM\_LOOPS.

*./StressTestApp.sh -NumBackGroundProcesses 10 -NumberLoop 10*

Output:



