Greenhills simulator PPC

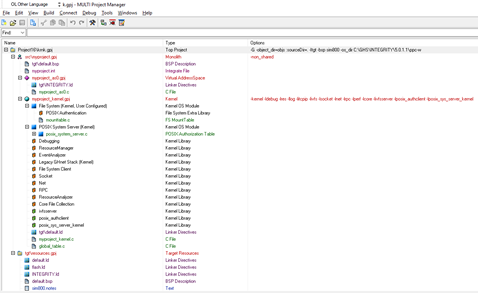
Perquisites :

1. Multi installation and license.
2. Integrirty installation.
3. Kernel project – kernel image (kernel) , and script to load kernel (kernel.p)
4. Greenhills integrate files.
5. Scripts to run the executable on simulator, as dynamic load module.
6. Custom VC Execute script (execute.bat).
7. Custom VC STDOUT files
8. Custom VC CCAST (CCAST\_CFG)
9. Rnserver – c project.
10. VC Env.

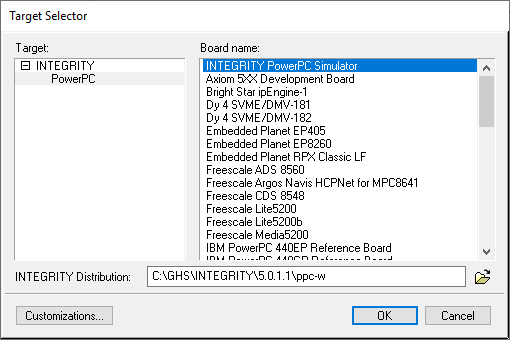
The kernel project :

Using monolith.

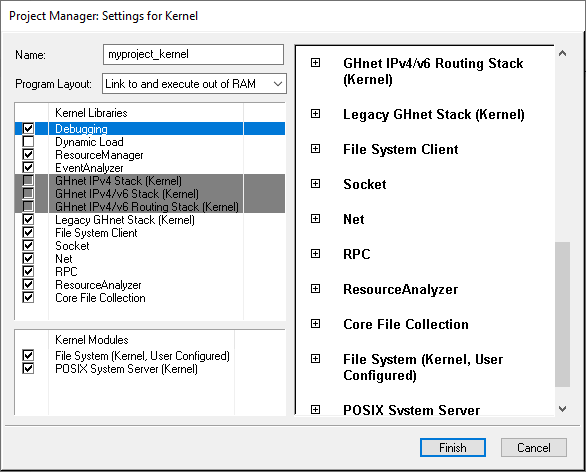
We need to have support for socket



Project Configuration:



Kernel configuration:



Start\_VC.BAT

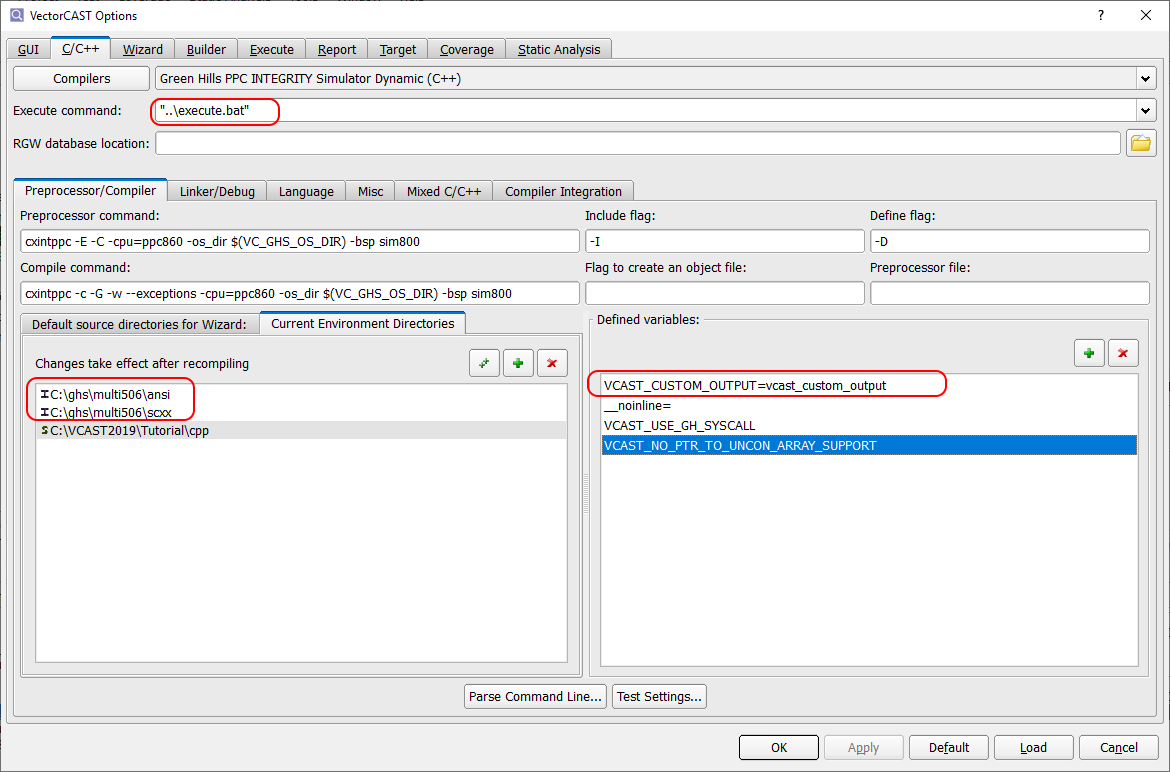
set VECTORCAST\_DIR=c:\vcast2019

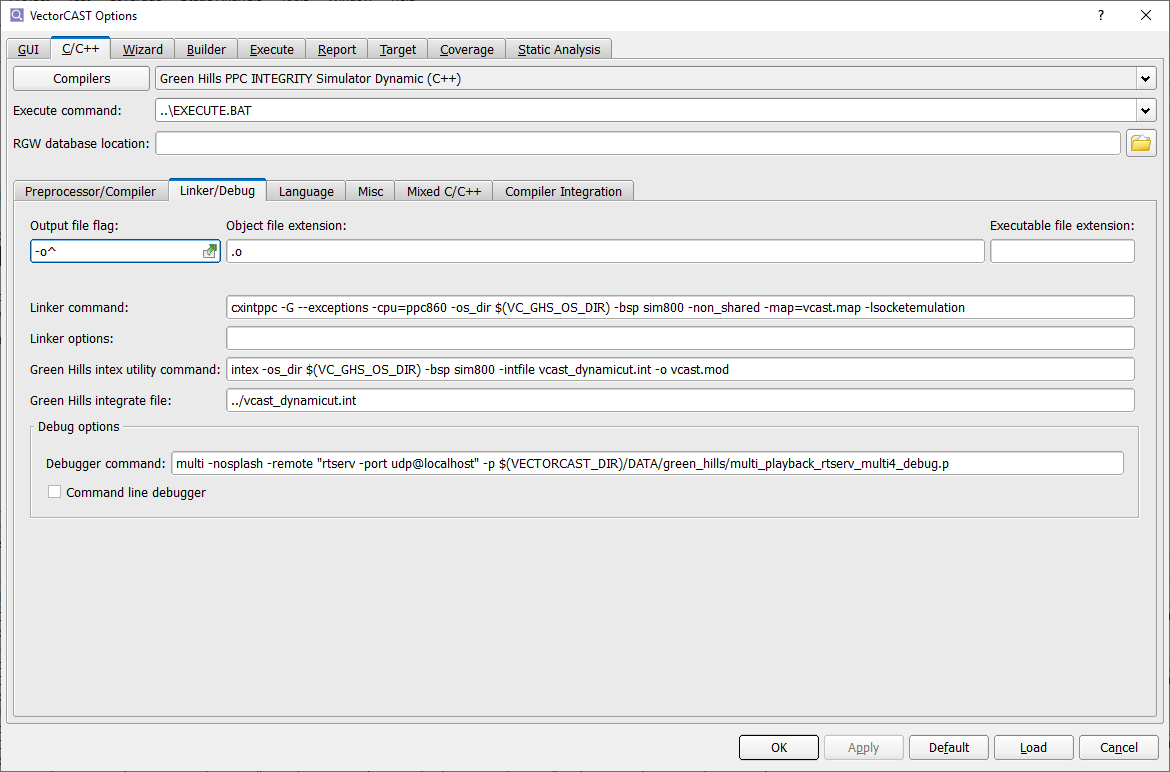
SET PATH=C:\GHS\multi\_614;C:\GHS\comp\_201354;%PATH%

SET VC\_GHS\_OS\_DIR=C:\GHS\INTEGRITY\5.0.1.1\ppc-w

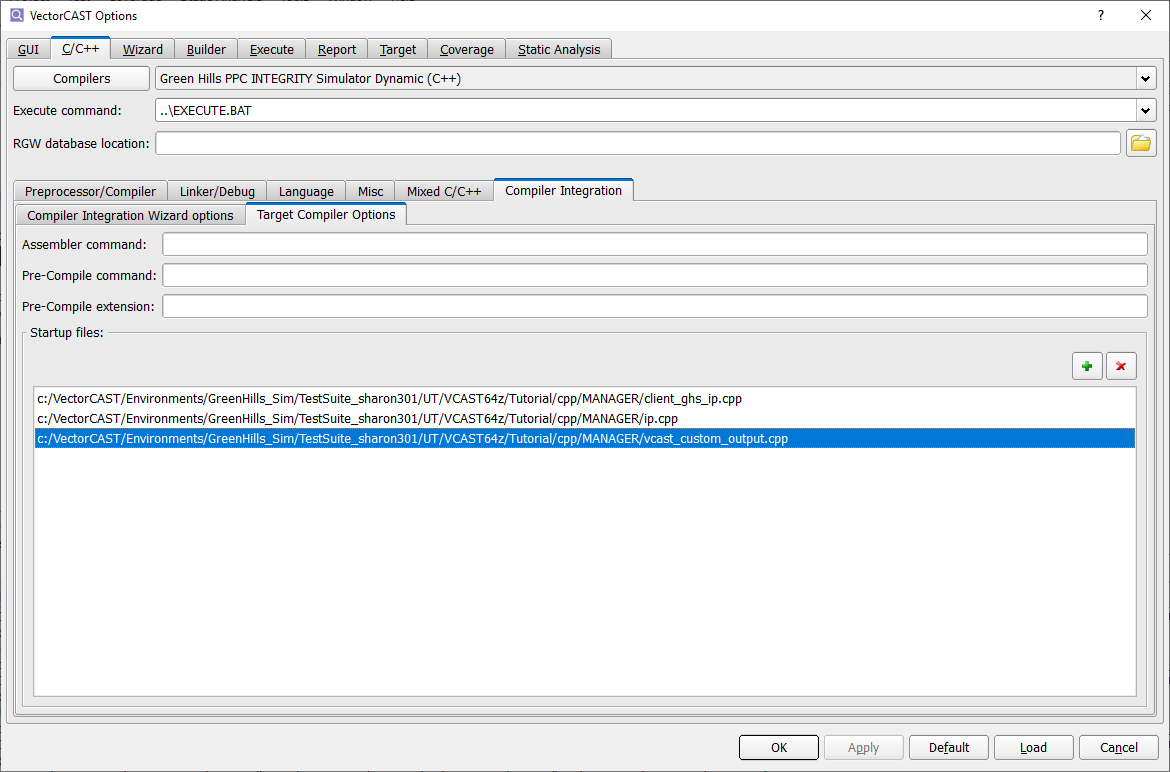
%VECTORCAST\_DIR%\vcastqt -lc -Emanager

VCAST configuration:





Custom files :



Setting IP

//IP.CPP

int ip0 = 192;

int ip1 = 168;

int ip2 = 16;

int ip3 = 31;

THE EXECUTE.BAT

set STARTDIR=%CD%

@tasklist /fi "imagename eq rnserver.exe" |find ":" > nul

if errorlevel 1 taskkill /f /im rnserver.exe

@tasklist /fi "imagename eq multi.exe" |find ":" > nul

if errorlevel 1 taskkill /f /im multi.exe

if exist vcast\_stdout.dat del /Q vcast\_stdout.dat

cd ..

if exist vcast\_stdout.dat del /Q vcast\_stdout.dat

if exist VCAST.END del /Q VCAST.END

start/MIN rnserver.exe

start/MIN multi -nosplash -remote "isimppc" kernel -p kernel\_play.p

sleep 5

start/MIN multi -nosplash -remote "rtserv -port udp@localhost" -p multi\_playback\_rtserv\_multiut.p %1

:wait

if exist VCAST.END goto type\_dat

sleep 1

goto wait

:type\_dat

type vcast\_stdout.dat

@tasklist /fi "imagename eq multi.exe" |find ":" > nul

if errorlevel 1 taskkill /f /im multi.exe

@tasklist /fi "imagename eq rnserver.exe" |find ":" > nul

if errorlevel 1 taskkill /f /im rnserver.exe

cd %STARTDIR%

exit /B 0