

## Instructions for converting from HWIs to SWIs...

1. In main.c, comment out EdmaStartUp() through the end of the while(1) loop. This will let the program fall through to the DSP/BIOS.
2. In ISRs.c remove the keyword interrupt from the EDMA\_ISR() routine. We will use the dispatcher instead.
3. Open c6711.cbd, expand Scheduling, expand HWI, right-click on HWI\_INT8, click the Dispatcher tab. You should see:
4. Click Use Dispatcher, click OK.
5. Right-click SWI, select insert SWI.
6. Right-click on SWI0 and rename it to processBufferSwi.
7. Right-click on processBufferSwi and select properties.
8. Set the function of \_ProcessBuffer, click OK.
9. Right-click TSK, select insert TSK.
10. Rename TSK0 to TSK\_EdmaStartUp.
11. Right-click TSK\_EdmaStartUp, select properties, select the Function tab.
12. Enter \_EdmaStartUp in the Task function field.
13. Save the configuration.
14. Open ISRs.c and scroll to the bottom. Add a line to EDMA\_ISR() so it will post a software interrupt that call ProcessBuffer().
15. Compile and run.

