The MATLAB software was used to generate a code, which can be fed in to TMS320LF2407A eZdsp (express series), from a simulink model file through Code Composer Studio (CCS). The technical specifications of the aforementioned softwares are as follow.

1. **MATLAB**

   Version 7.3.0.267 (R2006b)

2. **Code Composer Studio (CCS)**

   Version 3.3.38

   Integrated Development Bios 5.98.0.219 Texas Instruments

   Code Generation Tools 7.04

   Board Revision (00.00.00)

   Target Silicon Revision (00.00.00)

Procedure Followed:

A simulink model was obtained which was to be converted in to code. The file is 'Build' with the aid of Real-Time Workshop as shown in Fig. 1.
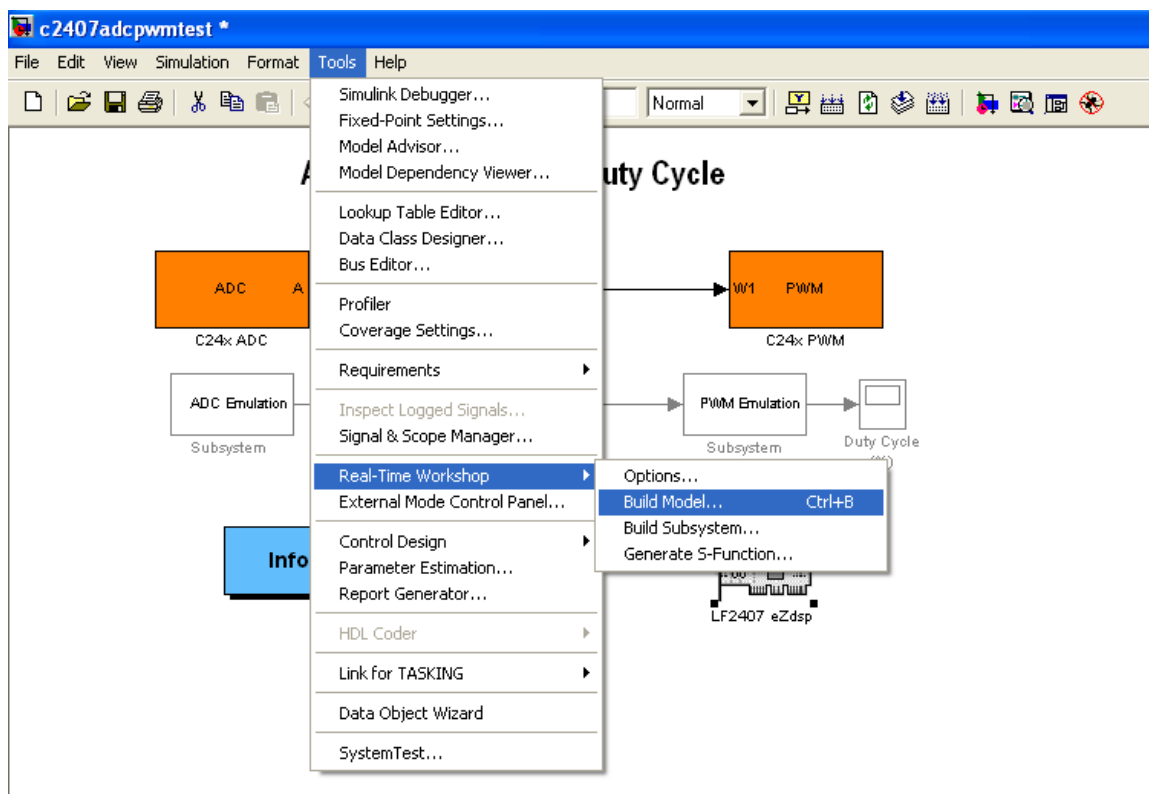

Figure 1.

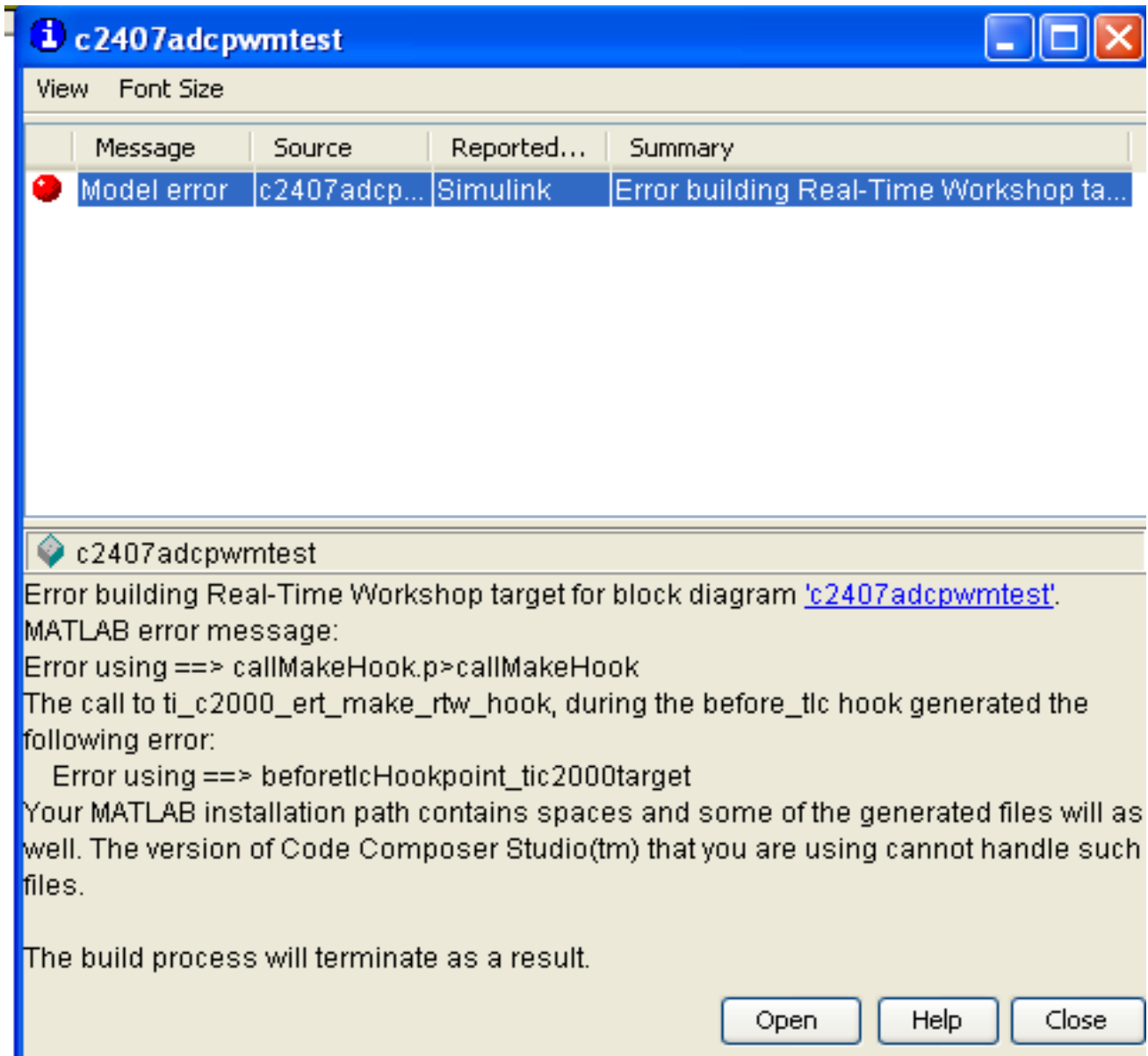While doing this, an error was observed as depicted in Fig. 2.

Figure 2.

However, when the same procedure for the MATLAB (version 7.0.0.19920 (R14)) was followed, results were successfully obtained with the same CCS (version 3.3.38). Due to the absence of multiple output ports in 'C24x ADC', we had to switch to the higher version of MATLAB (version 7.3.0.267 (R2006b)) which provides multiple output ports in 'C24x ADC'.

Please, guide us through the aforementioned problem. We would also like to know about the compatibility between different versions of MATALB and CCS.

We seek your response as soon as possible.

Thanking in anticipation...