

Express Start Guide

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Purpose. This Express Start Guide is designed to help you install and use ThreadX for the Motorola 68332 microprocessor using the Green Hills development suite. This guide, the `readme.txt` file on the distribution disk, and Chapter 2 of the ThreadX User Guide contain more detailed information on getting started.

2

Installation. ThreadX for the Motorola 68332 is distributed on a single CD-ROM compatible disk. The entire source code distribution and `readme.txt` file can be found in the `THREADX` sub-directory. To install ThreadX on your hard-drive, create a directory on your hard-disk (we recommend `\THREADX\68332\GREEN`) and execute the following MS-DOS command from the ThreadX directory on the distribution disk:

```
D:\THREADX> xcopy /S *.* C:\THREADX\68332\GREEN\  
(assuming hard-drive is C: and CD-ROM drive is D: )
```

Observe all the ThreadX source files being copied into your own ThreadX directory.

3

Building ThreadX. You are now ready to build the ThreadX run-time library `TX.OLB`. You are going to need this library to link with your application in order to use ThreadX. Assuming that you are setup to use the Green Hills development environment, execute the `BUILD_TX.BAT` batch file from your `THREADX` directory, as follows:

```
C:\THREADX\68332\GREEN> BUILD_TX
```

Observe assembly and compilation of all ThreadX source code. When this batch file is finished, you will be ready to use ThreadX with your application!

4

Demonstration System. You are now ready to build the ThreadX 68332 demonstration that executes under the `MULTI 68000` simulation environment. To build the demonstration, enter your `THREADX` directory path and `DEMO.BLD` in the `MULTI PROJECT` selection box and click on the “Build Project” button. Observe compiling and linking of the demonstration. After the building is complete, click on the `REMOTE` button to invoke the `MULTI 68000` simulator. Next, select the `DEBUG` button to execute the ThreadX demonstration. The demonstration also runs on the 68332 evaluation board. Please examine the `readme.txt` for information on running the demonstration on the 68332 evaluation board.