

Express Startup Guide for ARC HS

MetaWare

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Purpose. This Express Startup Guide is designed to help you install and use ThreadX for the ARC HS microprocessor using the MetaWare development suite. This guide, the ***readme_threadx.txt*** file on the distribution disk, and Chapter 2 of the ***ThreadX User Guide*** contain more detailed information on getting started.

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Installation. ThreadX for the ARC HS is distributed on a single CD-ROM compatible disk. The entire source code distribution and ***readme_threadx.txt*** file can be found in the ThreadX sub-directory. To install ThreadX on your hard-disk, either run the supplied installer program ***Setup.exe*** or copy the distribution from the CD manually. To copy the ThreadX distribution manually, make a ThreadX directory on your hard-disk (we recommend C:\threadx\arc_hs\metaware) and copy to it all the contents of the ThreadX sub-directory on the distribution disk. The following is an example MS-DOS copy command from the distribution ThreadX directory:

```
D:\threadx> xcopy /S *.* C:\threadx\arc_hs\metaware
```

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Building ThreadX. In order to build the ThreadX library first open the ThreadX project workspace, which is effectively your installation directory:

```
c:\threadx\arc_hs\metaware
```

Building the ThreadX library is easy; simply select the ***tx*** project file and then select the build button. You should observe the compilation and assembly of the ThreadX library. This project produces the ThreadX library file ***tx.a***.

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Demonstration System. You are now ready to build the ThreadX ARC HS demonstration that executes on the ARC HS simulator. To build the demonstration select the ***demo_threadx*** project and then select the build button. You should now observe compiling and linking of the ThreadX demonstration. You are now ready to execute the demonstration on the ARC HS simulator. Please also review the ***readme_threadx.txt*** file for additional information about the demonstration and other demonstrations on this distribution.

If you have any questions, please don't hesitate to ask us!