Hitachi America, Ltd.

Application Engineering

TechNote

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HAL/GNU On-Line Manual

The HAL/GNU H8/300 Software includes the on-line manual in the distribution disk. The manual can be found in the INFO directory. This paper will serve as a tutorial on using the on-line manual.

Editing Configuration File

To get the on-line manual to work, we need to have the following command in the CONFIG.SYS file:

DEVICE=C:\DOS\ANSI.SYS

If this driver is not in your CONFIG.SYS, add it and then reboot your system.

Invoking The On-Line Manual

There is an executable file called **INFO.EXE** in the BIN directory. The following command invokes the on-line manual:

C:\h8300\bin> **info -d c:\h8300\info** <enter>

The above command will bring us to the welcome screen of the on-line manual. We can see a directory listing of main menu on the screen. To select any menu item, type:

m

The on-line manual will prompt us to enter any menu items that are listed. For example, if we want to know more about the linker, then we enter ld.

menu item: **ld**   <enter>

The above commands will bring us to the linker's menu listing. All menu items are stored in nodes. A node contains text describing a specific topic at a specific level of detail. We can choose any menu item from this linker menu by using the **m** command.

m

The on-line manual will prompt us to enter any menu items that are listed. For example, if we want to know about how to invoke the linker, then we enter invocation.

menu item: **invocation**   <enter>

The above commands will bring us to the linker invocation node.

[page-up]

The above command will scroll up the window.

[page-down]

The above command will scroll down the window.

n

The above command will move to the next node.

p

The above command will move to the previous node.

?

The above command will bring up the help screen.

We are now in the invocation node, if we want to go back to the linker's menu listing, type:

g

The on-line manual will prompt us, we can enter *.

goto node: *****

The above commands will bring us back to the linker's menu listing. To go back to the directory main menu listing, we type:

d

We will see the directory main menu listing. We can choose other menu items in the listing.

To quit the on-line manual, type:

q

This command will bring us back to the dos prompt.

The on-line manual provides tutorial for users. To start the tutorial, type **h**. The on-line manual is very informative and user-friendly. We can find all documentation about the software in the on-line manual. The on-line manual allows us to add our own documentation. Choose **info** from the directory main menu listing for detail information in editing the on-line manual.

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