

RENESAS TOOL NEWS on October 16, 2003: RSO-M3T-NC30WA-031016D

Notes on Using C Compiler M3T-NC30WA V.5.20 Release 1

Please take note of the following problem in using the M3T-NC30WA C compiler (with an assembler and integrated development environment) for M16C/60, M16C/30, M16C/Tiny, M16C/20, M16C/10, and R8C/Tiny series MCUs:

- On using the enhancing patch tool of the Scan All Dependencies function
 - On using the Options dialog box
-

1. Problem on Using the Enhancing Patch Tool of the Scan All Dependencies Function

1.1 Description

When the product is used in combination with the TM V.3.20 or V.3.20A integrated development environment, the enhancing patch tool of the Scan All Dependencies function (*) cannot operate at all.

NOTE:

* The enhancing patch tool creates the dependencies of include files by omitting the #include(.include) statements written in the ineffective lines in the #if-#else-#endif (.if-.elif-.endif) construct, which gives you the correct list of the dependencies of include files.

1.2 Workaround

We supply the another patch tool for circumventing this problem.

Please download this from **HERE**(762KB) and install it. The install procedure is described below.

1.3 The Install Procedure of the Circumventing Patch Tool

- (1) Close the TM, if working.
- (2) Execute the downloaded tmv3patchv2_e.exe file. The installer will be invoked.
- (3) Follow the installer's instructions to install the patch tool.

NOTICES:

- (1) The circumventing patch tool enables the enhancing patch tool to operate by changing the settings in the M3T-NC30WA, not in the TM. So, ensure that you have already installed the M3T-NC30WA before installing the circumventing patch tool.
- (2) To uninstall the M3T-NC30WA in which the circumventing patch tool was used, uninstall patch tool at first by clicking "NC30WA V.5.20 Release 1 TM V.3 Information".

1.4 Schedule of Fixing the Problem

We plan to fix this problem in our next release of the product.

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2. Problem on Using the Options Dialog Box

2.1 Description

With the product being used in combination with any of the TMs with version numbers V.2.00 through V.3.20A, the "-S -dsource" option cannot be disabled when the Options dialog box is re-displayed in the following steps:

- (1) Once the Options dialog box is closed after checking the "-S -dsource" check box in this dialog box's Generals category.
- (2) Then the Options dialog box is re-opened. At this time, though the "-S -dsource" option is actually enabled, the check box turns unchecked. So, the option cannot be disabled.

2.2 Workaround

Modify the descriptions in the 655 and 660th lines in the nc30.opt file as shown below. (This file is found in the /LIB30 directory where the compiler has been installed.) By this modification, the "-S -dsource" option can be controlled in the Options dialog box.

Original:

```
-----  
655th line: [-c]  
660th line: [-S -dsource]  
-----
```

Modified:

655th line: {-c}
660th line: {-S -dsource}

2.3 Schedule of Fixing the Problem

We plan to fix this problem in our next release of the product.

[Disclaimer]

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