

Notes on Using Integrated Development Environment High-performance Embedded Workshop Bundled with the M3T-NC30WA V.5.20 R1 C Compiler

Please take note of the following problems in using the High-performance Embedded Workshop, an integrated development environment. These problems arise when the Create New Project Workspace function is used in the High-performance Embedded Workshop:

- On the name of the workspace
- On the selection of PD debuggers
- On using the E7 debugger

1. Product and Version Concerned

- The High-performance Embedded Workshop Version 3.01 (release 1) bundled with the M3T-NC30WA V.5.20 Release 1 C compiler
- The High-performance Embedded Workshop Version 3.01 (release 1) bundled with the M3T-NC30WA C compiler (Free version for R8C/Tiny only)

2. Descriptions

2.1 Problem on the Name of the Workspace

If in the directory created by the Create New Project Workspace function already exists the same file by name as the one created by the function, the High-performance Embedded Workshop terminates unsuccessfully during creating the new project workspace.

When c:¥work and test, for example, are used as the directory and workspace names, the High-performance Embedded Workshop creates the following four directories and two files:

Directories:

c:¥work¥test

c:¥work¥test¥test
c:¥work¥test¥test¥release
c:¥work¥test¥test¥debug

Files:

c:¥work¥test¥test¥ncrt0.a30
c:¥work¥test¥test¥test.c

If in any of the above directories already exists either of these files, the High-performance Embedded Workshop is closed unsuccessfully.

Workaround

When creating a new workspace, use a fresh directory name as the directory or workspace name in the New Project Workspace dialog box.

For example, if a file named c:¥work¥test¥test¥ncrt0.a30 already exists, use a name other than c:¥work as a directory name or use a name other than test as a workspace name.

2.2 Problem on the Selection of PD Debuggers

In the Create New Project Workspace function, if an external debugger is selected out of the External Debugger list on the New Project-5/6-Setting the Target System for Debugging dialog box, the debugger is not accepted as effective information by the workspace. Consequently, selecting the [Tools] → [Launch External Debugger...] command fails to work and the High-performance Embedded Workshop cannot be invoked in the debugger.

Workaround

When selecting a PD debugger, type the necessary information about it in the Debugger tab of the Customize dialog box as follows (this dialog box is opened by selecting the Tool → Customize command):

- (1) Select the "PD debugger" command in the drop-down list of the [External debugger selected] combo box.
- (2) Type the name of the executable file PDxx.exe in the [PD debugger location] text box.
- (3) Type "\$ (CONFIGDIR) ¥ (PROJECTNAME).x30" in the [Download module] text box.

For further information, see Section 7.1 "Using the PDxx Debugger" in the Release Note of the M3T-NC30WA V.5.20 Release 1 or "How to Register PD

2.3 Problem on Using the E7 Debugger

When the E7 SYSTEM debugger is selected in the Create New Project Workspace function, clicking the BACK button at the last page (page 7/7) closes the High-performance Embedded Workshop unsuccessfully.

Workaround

When using the E7 SYSTEM debugger, don't click the BACK button at the last page.

3. Schedule of Fixing the Problems

We plan to fix these problems in our next release of the product.

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