Known problems for the IAR Embedded Workbench shared components 7.4.1

Known Problems

• IDE-3121

Search in files does not work correctly with UTF-8

IDE-3038

Editing in the Memory Window with slow connection to the debug probe may write inconsistent data

• EW25836 / IDE-2940

When the editor window is split into multiple panes, the Navigate Backward button might work incorrectly.

• EW22608 / IDE-2893

Sometimes the value of a float type placed in a packed struct is displayed incorrectly.

• EW25793 / IDE-2855

C-SPY may display blank for variables of type 'char' in range 0x80-0xFF since it tries to interpret them as multi-byte characters.

• EW25438 / IDE-2675

Selecting Window->Close Window on an empty editor pane may close the Workspace window

• EW25440 / IDE-2674

After closing a vertical editor pane, Ctrl-Tab does not set focus properly.

• EW25481 / IDE-2673

Setting the editor font to "Arial" results in "Arial-Narrow" being used instead.

• EW25524 / IDE-2671

When a breakpoint set at "memset();" triggered, the execution might halt at "__aeabi_memset(_D, _N, _C);" in DLib_Product_string.h.

• EW25573 / IDE-2657

Source Browsing does not work with paths containing Kanji character where 2nd byte is 0x5c (= '\').

IDE-2541

A deadlock might occur in the Disassembly window if a breakpoint invokes a condition macro that tries to manipulate breakpoints.

See also: IDE-2538

• EW25406 / IDE-2538

There could be a deadlock in the disassembly window when a breakpoint invokes a condition macro, where the macro tries to manipulate breakpoints.

See also: IDE-2541

• EW24226 / IDE-2513

In some rare cases after performing a "Rebuild All" command, executing a "Download and Debug" command might not start the debug session. Executing a "Clean" command solves this problem.

• EW25237 / IDE-2479

Pressing "Debug without Downloading" very rapidly creates a crash.

• EW25306 / IDE-2475

Local variables defined within a switch-case block might not be listed in the Locals window.

• EW25231 / IDE-2436

If you specify a linker output file without a filename extension, the debugger cannot load it.

• EW25115 / IDE-2354

After stepping over a statement that changes the value of the current stack pointer (for example by way of changing which SP that is the current SP) the execution might not stop as expected.

• EW24976 / IDE-2302

In applications that use realtime interrupts, inserting C-RUN checks for Division by zero and Unhandled switch case at the same time, might cause the debugger to crash.

• EW24810 / IDE-2255

It may be difficult to place a breakpoint in a preprocessor macro.

• EW24771 / IDE-2207

In rare cases IarBuild.exe might return failure status (1) even when the build actions were successful.

• EW17530 / IDE-2190

Sometimes static variables defined locally in a function are not shown in the Watch window.

• EW24690 / IDE-2181

If the embOS plugin is enabled, the contents of Locals window might fail to refresh when the execution stops.

• EW24665 / IDE-2152

It is not possible to use the uCProbe plugin simultaneously in more than one instance of IAR Embedded Workbench. Doing so causes the debugger to exit.

• EW24602 / IDE-2133

If the CPU usage on the host PC is extreme, the debugger might terminate unexpectedly.

• EW24322 / IDE-1969

If you edit and add lines after the visible line of a collapsed region in the editor, it looks as if the region expands but it does not. You must collapse and expand the region to see all of your text again.

EW24072 / IDE-1879

If you enable the "Show line numbers" editor option when the background color is "Gray" and the default syntax coloring is "White", the line numbers become invisible.

EW24090 / IDE-1871

If you enable Code Coverage in the Disassembly window, it might be incomplete unless you also enable the Function Profiler and choose "Source Trace (flat)" from the context menu in the Function Profiler window.

• EW23971 / IDE-1769

All IAR Embedded Workbench windows use the system encoding when displaying text (editor is the only exception). This means that text encoded in a different way might be displayed incorrectly.

EW23847 / IDE-1639

If a collapsed group of files in the Workspace window contains a file that will be rebuilt next time the project is built, the red star icon might not be shown in the build status column. However, if the file group is expanded, the icon is shown correctly.

• EW23821 / IDE-1611

Files that are not members of a project can be checked out but not checked in again if you are using the IDE SCC integration.

• IDE-1355

Disabling "Function Profiler" do not disable "Power Sampling".

• EW23347 / IDE-1347

If you close the Disassembly window while it is the active window, it will be reopened every time execution stops. Workaround: Click in the editor window to make it active before you close the Disassembly window. Now then the Disassembly window will only reopen when the execution stops at a location that does not have any corresponding source code.

EW23061 / IDE-1264

CSpyBat do not expand environment variables in .board files.

IDE-298

The text editor does not show active/inactive code in #if/#else/#endif branches

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