e2studio 2.0.0.16 Release Note: 23rd April 2013

Supported devices:

CPU	Family	Devices
RH850	F1L	R7F7010352AFP;R7F701Z006EBG;R7F701Z024EBG;R7F701Z034EBG (Debug Support Only)
	D1A	RSF10CGB;RSF10CGC;RSF10CGD;RSF10CLD;RSF10CMD;RSF10CME;RSF10DGC;RSF10DGD;RSF10DGE;RSF10DLD;RSF10DLE;RSF10DMD;RSF10DME; RSF10DMF;RSF10DMJ;RSF10DMJ;RSF10DPF;RSF10DPF;RSF10DPD;RSF10DPJ;RSF10TPJ
	F12	RSF10988;RSF1096B;RSF1096B;RSF1096C;RSF1096D;RSF1096E;RSF109AA;RSF109AB;RSF109AC;RSF109AD;RSF109AE;RSF109BA;RSF109BB;RSF109BC; RSF109BD;RSF109BE;RSF109GB;RSF109GB;RSF109GD;RSF109GD;RSF109GD;RSF109AC;RSF109LD;RSF109LD;RSF109LD;RSF109LD;RSF109LD;
	F13	R5F10BBE;R5F10BBF;R5F10BBG;R5F10BGC;R5F10BGD;R5F10BGE;R5F10BGF;R5F10BGG;R5F10BLC;R5F10BLD;R5F10BLE;R5F10BLF;R5F10BLF;R5F10BME; R5F10BMF;R5F10BMG;
	F14	R5F10PAD;R5F10PAE;R5F10PBD;R5F10PBE;R5F10PGD;R5F10PGE;R5F10PGF;R5F10PLE;R5F10PLF;R5F10PME;R5F10PMF;R5F10PPJ;
_	G10	R5F10Y14;R5F10Y16;
	G12	R5F10266;R5F10267;R5F10268;R5F10269;R5F1026A;R5F10277;R5F10277;R5F10279;R5F10274;R5F1027A;R5F102A8;R5F102A9;R5F102A9;R5F102AA;R5F103A6; R5F10367;R5F10368;R5F10369;R5F1036A;R5F10377;R5F10378;R5F10378;R5F1037A;R5F103A7;R5F103A9;R5F103A9;R5F103AA
RL78	G13	R6F1006A;R5F1006C;R5F1006D;R5F100AC;R5F1007A;R5F1007D;R5F1007D;R5F1007D;R5F1008C;R5F1008C;R5F100AC;R5F100CC;R5F100AC;R5F100CC;R5F10CC;R5F1
	G14	RSF104A3,RSF104AC;RSF104AD;RSF104AE;RSF104AF;RSF104AC;RSF104BA;RSF104BC;RSF104BD;RSF104BE;RSF104BE;RSF104BE;RSF104CC; RSF104CD;RSF104CE;RSF104CF;RSF104CE;RSF104CBC;RSF104ED;RSF104EE;RSF104EF;RSF104GE;RSF104EH;RSF104FA;RSF104FC;RSF104FD; RSF104FE;RSF104FF;RSF104FG;RSF104FH;RSF104FJ;RSF104GC;RSF104GC;RSF104GD;RSF104GE;RSF104GF;RSF104GG;RSF104GH;RSF104GJ;RSF104JC; RSF104JD;RSF104JE;RSF104JE;RSF104JB;RSF104JH;RSF104JJ;RSF104LC;RSF104LD;RSF104LE;RSF104LE;RSF104LG;RSF104LG;RSF104LH;RSF104HJ;RSF104MF; RSF104MG;RSF104MH;RSF104MJ;RSF104PF;RSF104PF;RSF104JP;RSF104DF;RSF104D
	G1A	R5F10E8A;R5F10E8C;R5F10E8D;R5F10E8E;R5F10EBA;R5F10EBC;R5F10EBD;R5F10EBE;R5F10EGA;R5F10EGC;R5F10EGD;R5F10EGE;R5F10EGC;R5F
	G1C	R5F10JBC;R5F10JGC;R5F10KBC;R5F10KGC
	G1E	R5F10FGC;R5F10FGD;R5F10FGE;R5F10FLC;R5F10FLD;R5F10FLE;R5F10FMC;R5F10FMD;R5F10FME;R5F112GC;R5F112GD;R5F112GE
	I1A	R5F1076C;R5F107AC;R5F107AE;R5F107BC;R5F107DE
	L12	R5F10RB8;R5F10RBA;R5F10RBC;R5F10RF8;R5F10RFA;R5F10RFC;R5F10RG8;R5F10RGA;R5F10RGC;R5F10RJ8;R5F10RJA;R5F10RJC;R5F10RLA;R5F10RLC
<u> </u>	L13	R5F10WLA:R5F10WLC:R5F10WLD:R5F10WLE:R5F10WLF:R5F10WLG:R5F10WMA:R5F10WMC:R5F10WMD:R5F10WME:R5F10WMF:R5F10WMG
<u> </u>	LIN	R5F10LGA;R5F10LGC;R5F10LGD;R5F10LGE
	111	R5F51111;R5F51113;R5F51114;R5F51115;R5F5111J
<u> </u>	210	R5F52103;R5F52104;R5F52105;R5F52106;R5F52107;R5F52108;R5F5210A;R5F5210B
<u> </u>	21A	R5F521A6;R5F521A7;R5F521A8
	220	R5F52201;R5F52203;R5F52205;R5F52206
<u> </u>	610	R5F56104:R5F56106:R5F56107:R5F56108
	621	R5F56216:R5F56217:R5F56218
	62G	R5F562C7:R5F62GA
RX —	62N	R5F562N7:R5F562N8
	62T	R\$F562T6:R\$F562T7:R\$F562TA
-	630	R5F56307:R5F56308:R5F5630A:R5F5630D:R5F5630D
-	631	R3F63317;R5F56318 (Debug Support Only)
-	63N	R3F96316,R3F96317,R3F96310;R3F963ND;R5F963NE
-	63N 63T	R5F563T4;R5F563T5;R5F563T6
		R5F563TB;R5F563TC;R5F563TE (Debug Support Only)
	SH2A	SH7201;SH7203;SH72165AD;SH72546RFCC;SH72611;SH72620;SH72630;SH72690;SH7670;
SH	SH2	SH7047F;SH70834A;SH70844A;SH70865A;SH70242;SH71242;SH71252;SH7144F;SH7145F;SH71464A;SH71491R;SH7616;SH7616;SH7618;SH7619;
	SH2a (No FPU)	SH7206;SH7211;SH7243;SH7285;SH7286;

New features in 2.0:

Component	Description
•	
Project Generation	It is now possible to create library projects from the project generation wizard. This is accessible from the C or C++ project type and then you can select Static Library (Renesas).
	This will pre-configure your project for all supported toolchains to create a user library.
Application	e2studio has now been migrated to support the Juno version of Eclipse. CDT has also been updated. To get a list of the latest features visit here: http://wiki.eclipse.org/CDT/User/NewIn80 http://wiki.eclipse.org/CDT/User/NewIn81
	Workspaces and projects from e2studio 1.x are compatible. The product is a new standalone version, there is no upgrade path from e2studio 1.x. So it will require a new installation folder.
RX Build Support	CCRX 2.0 toolchain is now supported in the user interface.
RH850 Debug	Preliminary "Working sample" RH850 debug support has been added for F1L devices. This is for use with GHS build tools which are also provided with the product. There are son limitations in this version which are listed below:
	The stack trace on the Debug tab shows a maximum of 2 function calls. Variables that are held in CPU registers are not shown in the Variables or Expressions View.
Performance plugin	Performance events are now supported. This allows time measurement between defined points in the users code.
RX Simulator	The fully featured Renesas RX Simulator has been added to the product. When selecting a RX project and choosing a simulator configuration the Renesas simulator is automatica used. This simulator is The GDB simulator is still available and can be selected if required in the debug configuration pages.
Application	Features have been added to ensure the debugger user interface reflects the capability of the target. For example if you are using a debugger that does not support coverage then coverage plugin user interface will be disabled. This has been implemented for all areas of the debugger.
Toolchain management	A new feature has been implemented that allows users to manually add, remove and relocate toolchains within e2studio. It is available from the preferences pages inside e2studio.
CubeSuite+ import/export	An import/export feature has been added to e2studio that allows importing and exporting of the Renesas common project file format. This file format allows users to export CCRX projects from e2studio or CubeSuite+ and import into the other tool. The facility can be accessed from the Import/export menus on the file menu in e2studio.
Application	Device support provided by e2studio can be viewed on the about box, installation details. There is a tab named "Renesas Device Support" detailing the device support installed.
Renesas Virtual Console	For the RX E1 device e2studio now supports the debug console. This allows virtual IO to the Renesas Virtual Console view located alongside the other console views.
Image viewer	The memory view now has an image memory renderer provided within it. This allows you to select an address for the memory window to detect and show image files that are stori in memory.
RX E1 Debugger	Facilities added for start/stop function setting to the RX E1 debug configuration. These functions are called before the debugger starts and stops to allow setup and cleanup before debugging.
Application	The plugins provided within e2studio have been re-structured to make it easier to add the plugins to a generic Eclipse environment. You can now choose to add just the relevant debugger support for example to the generic Eclise environment rather than all of the Renesas plugins. This can be selected via the Install New Software feature within Eclipse.
Debugger	Symbol address entry has been improved within e2studio. An browser dialog to select available symbols from the download module has also been implemented. This is available the debug configuration and also eventpoints plugin. We will extend to other areas in a future version.
Welcome Page	New area named "First Steps" added to the welcome page to assist new users.

Important workarounds useful to know when using 2.0.0.16:

ID	Component	Description
		If you are experiencing slow building of projects within e2studio there are some possibilities to improve.
NA	Application	The system environment will attempt to find the make exe tool via the system environment. If you ensure the directory make resides in is at the start of the path variable it will find it more quickly. Especially important if there are network drives in the path.
		In the project properties, C/C++ Build tab, behaviour tab you can switch on parallel build. This will take advantage of the mult-cores on your host machine if it has them.
		Symptoms: Project fails to build after import from HEW
2010	HEW Importer	Conditions: If a long filename or path is used, and the HEW project importer is used, the project may fail to build.
		Workaround: Move the original HEW project to a shallow directory structure (i.e.) C:\Workspace and import from there.
2421	Application	Debug configurations have been modified in e2studio 2.0. So although you can re-use the workspace and projects from e2studio 1.x when you open the debug launch configuration for the first time it is updated.
		Before doing this you should back-up the .launch file if you need to keep a 1.x version.
	Application	It is not possible to import e2studio 1.x projects which are for the V850 device into e2studio 2.0.
		Symptoms: Project fails to build in first instance after archive project import (not from HEW)
1922	Application	Conditions: If an archived project is imported it may fail to build the first time, due to a residual .d file.
		Workaround: Clean and Build a second time.
	Installer	When using the 2.0.0.15 installer, in some circumstances the VS2010 pre-requisites install completes but notifies the user that it may not have installed successfully.
		At this stage the user has the choice to continue or abort the installation. If you continue to install the product is installed normally.
2746	Application	In some situations CODAN or Code Analysis may show Semantic errors or symbol not found errors when you open source files, even though the source files compile without errors. To remove these errors you can add the conditional Macros to the build options so that the CODAN indexer can resolve the Macros.
2750	Application	A problem has been noted when default configurations created when the project is generated are renamed. In some situations the renamed configuration will no longer build. In addition entering the options for a toolchain can cause a null ptr error exception. It is possible to workaround this problem: Enter manage build configurations. 1. Rename your Configuration back to the original configuration name and build the project. The build should take place. 2. Create a new configuration using the 'Manage Configuration' feature using an Existing Configuration (i.e., select the original Configuration name, ensure you use 'Existing' rather than 'Default Configuration') 3. Make new configuration the active configuration and delete the one we created.
2762	Application	When using assembly code within a C source file, Codan errors can be observed in the editor. Even though the project builds successfully. We do not have a workaround for this at this time.

Fixed issues in 2.0.0.16

ID	Component	Description
		In some situations when using the import Renesas Common Project feature it is possible the debug configuration can be overwritten causing an existing project's settings to be
		corrupted.
2678	Debug Configuration	This will result in a message 'Target device not supported'.
2726	GDB server	In certain situations when using the RX E1 debugger. Configuring trace to show bus, source and disassembly can cause a crash.
2729	Project Generation	A new project created for the RX63NB device does not build correctly following creation. There are issues in the vector table addresses.
2733	Application	Updated IAR plugins have been provided in order to avoid an exception.
		For RL78 E1 debuggers, in certain situations the following can occur:
		Target failed to change memory when write is performed in memory view.
2734	GDB server	Data shown in memory can be incorrect when range of memory viewed spans IO Register area.
2745	Trace View	When using the CCRX 2.0 in a project path that contains spaces it can cause the debugger to hang when obtaining trace data.

Fixed issues in 2.0.0.15

- ID	Component	Description
91	Component Application	Description If skip all breakpoints is clicked with the target running & multiple breakpoints are set, GDB returns the following error and the debug session is terminated. 961,041 - "Interrupted while waiting for the program.\n" 961,041 - "Roke up (and stop debugging it)? (y or n) [answered Y; input not from terminai]\n" 961,042 = thread-group-exited,id="42000" 961,042 = thread-group-exited,id="42000" 961,042 (gdb)
105	A F C	When running in non-stop mode this no longer happens for any of the devices. (RX, RL78, SH)
185	Application	MCU run status should be shown in the status bar of e2studio.
268	Application	When debugging in e2studio only the file name is used to match breakpoints when debugging. So a breakpoints set in a different project to the one being debugged can cause breakpoints to be set on the debugger, if the file name matches. There is no indication in the breakpoints view which project a breakpoint is in, but the marker will only appear in the correct file.
381	Event points plugin	The Eventpoints View needs to allow the user to select a label from a list. A browse dialog should be implemented to allow the user to select the label from a list of all labels in the download module.
481	Event points plugin	Clicking on OK of the Trace Configuration dialog does not download changes to the device. Expected Result Clicking on the OK button should commit all of the changes made in the dialog back into the main events points list, the updates will then be downloaded to the device if connected. In reality, the eventpoints are added to the main eventpoint list in the Eventpoints view but do not appear to get downloaded to the device.
608	RX build plugin	Message is displayed every time 'Restore default' is pressed. Go to Library generator -> Settings. Select Restore defaults. Following message is displayed: "Please note that reserving registers for use by the fast interrupt is incompatible with pre-built system libraries".
630	Application	A mechanism needs to be added to allow the user to jump from the editor to the corresponding address in the disassembly. This is available from the editor gutter pop-up menu.

		February 11 to 1 th and the selection of
631	Application	Eclipse allows setting of breakpoints where no code exists. As initial workers and will now be provided to ware the year if there is no valid address for the source lies.
		An initial workaround will now be provided to warn the user if there is no valid address for the source line. There is no library project type available in e2studio.
671	Application	RL78 Importing projects from 64bit to 32bit machines does not work seamlessly.
700	Application	The path changes are not remembered in Linker > Archives in the Archive search directories. When doing builds this is not always remembered.
711	Application	Un-installing HEW, un-installed RXC toolchains 1.1.0 and 1.2.0 However the entry in TC_supported remains as expected, but due to this E2S allows to create projects for RXC toolchains and fails during project build.
723	Event points plugin	The "Add" button is greyed out when trying to add a "Before PC" in the Eventpoint window. Can only be added from the source code windows.
801	GDB server	RL78 program execution not stopping for OA eventpoints set between ranges. 1. Create an Event break OA eventpoint 2. Enter an address in the address field 2. Select Range in the address conditions 3. Enter an end address 4. Eventpoint dosen't trigger when an address between the range specified is reached and program execution dosen't stop
802	GDB server	RL78 program execution stopping on word access when byte access is specified.
804	Event points plugin	Long should be removed from the size combo for Data Settings for RL78.
827	Advanced Debug Manager (ADM)	Setting "Force Hardware Breakpoints" in the debug configuration will cause eventpoints to stop functioning. This checkbox should allow the user to set this and use hardware resources until they are exhausted and then it should switch to software breakpoints.
		Warnings are duplicated as errors in the problems view when using the CCRX compiler.
904	Application	Debugging on the E2S(1.0.0.36) using 'F5' (step into) does not work as expected when stepping into disassembly (mixed mode).
940	Application	The button 'F5' has the same response as F6 (step over).
983	GDB	RX debugger should present the Processor Status Word (PSW) register as a set of flags rather than a decimal or hex value.
1152	GDB	The following message is sometimes being returned from GDB with RL78 on a suspend event, the debug session cannot be resumed. The workaround is to stop an start the debug session. 565,173 (gdb) 565,300 218-var-update 1 var15 565,376 218error,msg="Remote failure reply: E98300003403029FE9030000000000000000000000000000000000
1231	GDB server	Adding a Event Break eventpoint using a label and then resuming fails to apply the eventpoint. Workaround: Use the Apply button after creating the eventpoint.
1264	Application	"Data record header" option should be passed to converter instead of linker phase. Steps to reproduce: 1. Create RXC project. 2. Select Linker -> Output -> Data record header -> S1. Workaround: The '-record=s1' or 'S2' etc option should can be set as user defined option in the converter phase.
1289	IAR plugins	IAR build plugin. Folder names containing . are sometimes cut off and not displayed correctly in 'Browse for folder Window when browsing for the location of the Embedded Workbench.
1315	Application	Following an import into 1.1 the RX_Converter.exe tool needs to be removed from the post build steps. This tool is now included in the user interface. If you see a error with machine.h you will need to add the include directory to the toolchain options.
1354	Real-time Watch	Pre-increment of a global variable can cause inconsistencies in the expressions view for this value. It is due to a problem with CDT: https://bugs.eclipse.org/bugs/show_bug.cgi?id=252099
1388	Coverage plugin	The user is not prompted for Coverage data to be cleared from the current debug session.
1482	RX build plugin	=-rom option of Linker is available when -form=relocatable option is specified. Causes a Linker error.
1483	RX build plugin	rx_converter.exe program is invoked when -form=library or -form=relocatable option of Linker is specified. Causes an input file error in the converter.
1484	RX build plugin	The relation between -show and -form options of Linker was not correct. An unnecessary warning is displayed.
1522	HEW Project Converter	GNURX:Libgen crashes when user imports project (with fatal errors) from HEW.
1533	RX build plugin	Both Error and Warning messages are displayed with the same content on Problems window in Build time when the system include files are scanned as dependencies for C++ projects.
1546	Project Generation	Device type 72691 is not available for SH project. Workaround: create a SH project using "Other" target device. From debug configuration select new for the project, select target device from list.
1561	Application	When local options are set for a file or folder the "Reset to Defaults" on the build options properties does not clear the local option setting for the selection.
1562	Application	When creating a new project and at the stage of selecting devices through the editing of the device combo box, characters must be entered in upper case. It should not matter if upper or lower case is used.
1593	Event points plugin	When changing the address of an eventpoint set from the source editor a marker should be created at the new location & the old one removed. Currently marker at old location is removed but no new marker is created.
1625	Application	Build settings done through "All configuration" option are not reflected for some configurations.
1696	Real-time Watch	When the debugger is suspended the expression view will always show the values of variables at the top of the stack frame. If you want to see the values of variables based on the selected stack frame please only use the variables view and close the expressions view.
1697	Application	Variables view not always updating based on selected stack frame. If a stack based variable has been monitored as an expression & a stack frame selected with the expression view open, then when switching to the variables view an incorrect value for the variable is displayed. This only happens when a stack frame is selected with the expressions view open but the variables view hidden. Selecting further frames with the variables view open will work as expected.
1702	Application	Plain text export does not represent the format and layout of the view. e.g. Floating Point view should yield floating point output, a 2 column 16 bit unsigned int view should yield similar text output. Plain text output is always 32-bit hex (with endian problems).
1713	GDB Server SH	There are build issues when creating a SH7086 project. The main source file is empty.
		•

		Deleting a source directory causes the placeholder (being used in include path) to become corrupted. \${workspace_loc:/\${ProjName}/src}
1730	Application	becomes: "\$(workspace_loc:/PlaceCorrupt/PlaceCorrupt/src}"
1700	, , , , , , , , , , , , , , , , , , , ,	If you intend to delete the source, the include paths also need update and therefore updating / removing the source path from include path list prior to deleting the source directory will
		avoid path corruption.
1751	RX build plugin	-start option should be added to the sub-command file. If many sections are defined it is possible to exceed the Windows command line length.
		On building an RL78 R5F104LE G14 target a warning about an invalid path to an include directory is created.
1754	RL78 build plugin	It seems that when a new project is created, the project generator enters both the valid path (else the project would not build) and the invalid path (that results in the warning being created).
		I have also seen this warning for projects of other targets.
1763	DV huild alugin	RXC - For Compiler > Object > Output file type: "Assembler code(".src)", the ".src files are deleted after project is built. Actual (After build is complete): rm src/sbrk.src src/dbsct.src src/interrupt_handlers.src src/reset_program.src src/RXC.src src/idcode.src src/vector_table.src - all file are removed.
1763	RX build plugin	,,,,
1773	RX build plugin	RXC > Compiler (C/C++) > Object > checkbox: "Suppress DIVS, DIVU, and FDIV instruction generation" not available in e2studio. command: -nouse_div_inst
	. •	This option is available from RXC 1.2.0 version onwards. The PC can sometimes disappear from the disassembly window. This is due to the view getting the current stack frame confused.
		When this occurs clicking the home button on the disassembly view does not force the view to the program counter.
1791	Application	As a workaround, clicking the Top Stack Frame in the Renesas Debug View will cause the view to jump to the PC.
1796	Application	Memory ranges set for real-time monitoring using the E1 with RL78 are not saved at the end of a session.
1815	Real-time Watch	Currently there is no manual refresh menu item for the Variables and Expression view. The refresh menu item will be available in CDT 8.0 release.
1818	Application	It should be possible to change expression values while the target is running.
4000	A II AI _	Using the Renesas Quick Settings set the warning messages to off. Using Renesas Tool Settings set Inhibit All warning messages to on. The Advanced settings are set to on but the settings are greyed out.
1880	Application	The build output displays warnings when none are expected.
4000	A II4i	Access to real-time refresh interval UI requires an expression to be defined.
1882	Application	It should be possible to adjust the real-time refresh interval without adding an expression or even opening the Expressions view.
1885	Real-time Watch	Realtime expressions view can become out of date on suspend when compared to the value in the memory window. This is due to the timing of the update against the suspend.
1918	Application	A further step operation will refresh the view or you can see the value in memory. This only affects the values being viewed in real-time. Dependency scanning for Renesas assembly files does not work.
		If you wish to run the makefile from the command line the system environment or the required configuration to set-up the environment needs to be manually added to the make file.
1921	Application	This can be done by using the makefile.init file.
1956	Installer	Uninstalling e2studio can remove installed toolchains if they reside in the same directory.
		To fix this issue you need to run a repair on the removed toolchains. Profile address filter shows no records when a valid filter is applied.
1974	Profile plugin	
		When header or source files have a time with is in the future of the current system time it can cause an infinite dependency scanning loop.
1978	RL78 build plugin	Changing the file times to match the system avoids the problem.
2046	DV huild plugin	It is not possible to use a placeholder when using the -T option for the .gsi file in the GCC Linker.
2046	RX build plugin	The dialog complains that the edit box is empty.
2047	Application	Trace Start OA Eventpoint does not work on RX100 and RX200.
2068	HEW Project Converter	The \$WORKSPDIR macro not resolved during HEW project import procedure. Additional information: For this project, the .hwp and .hws files are located at the same directory.
2000	TIEW Floject Converter	Currently logic is implemented to search the workspace at parent directory for the specified project.
2074	GDB server	A crash can occur when setting breakpoints outside of valid memory regions for the device being debugged.
		In some cases following project import from HEW it may be required to use the -aligned_section in the linker. This is required when the following warning is displayed:
2106	GDB	warning: Code section at 0xXXXX not positioned on 4-byte-aligned boundary.
		This is due to the GDB debugger needing the data in this format. Folder with name having special characters like '&','%' are not recognized which leads to failure in build.
		Steps to reproduce 1. Create a folder anywhere with name "New%Folder"
2109	Application	Create any dummy project OR copy existing projects to this folder Import to your workspace and build
		In My case error I got as: ** L3300 (F) cannot open file: "E:\NEW\New/Newfolder/Tutorial?\Debug\LinkerSubCommand?.tmp"
		,
2133	GDB server EXEC	Memory view shows incorrect data when viewing Hex Integer view and the project is configured as RL78100CD on IECube. Traditional view shows correct values - which match Expressions view.
-		Default project generators were initializing USP/ISP to odd addresses (based on linker configuration).
2141	Application	Exported project is not exporting the linker sections correctly following the linker sections being modified.
2143	Application	
2147	Real-time Chart	Realtime Chart: Series removed after stopping and restarting debugger. It would be more user friendly if this did not happen.
2152	GDB Server SH	Trace filtering does not work correctly for SH devices.
2176	GDB Server SH	Realtime update does not function for SH devices RXC Dependency Scanner not handling ANSI C99 definition.
2211	RX build plugin	Based on state of -lang option, the standard IEC specification predefined macro "STDC_VERSION_" is not being properly set "199901L" for example if "-lang=c99".
2229	Project Congretion	Errors can be shown in the editor when user macros are in use. The defines in the editor should be shown as priority.
2229	Project Generation	When a new project for RL78L12, R5F10RLC is created in e2studio 1.1.1.5. The vector_table.c file contains the option bytes as follows:
2000	Appli4:	const unsigned char Option_Bytes[] attribute ((section (".option_bytes"))) = { 0xef, 0xff, 0xe8, 0x85
2233	Application); For RL78L12, the option byte 3 is incorrect. The value 0xe8 is un-settable. It should be 0xe0. The value is valid in 78G13.
0571	-	Trace find & filtering is not working for RL78 Targets.
2261	Trace plugin	

		When importing a project that was exported from another machine the active build configuration is not restored.
2282	Project Generation	This is because it is not a project setting but a workspace setting. A workaround will be put into place to ensure the active build configuration is restored on import.
2289	Application	Defines set on the command line are not reflected in the editor window. This is a Eclipse CDT issue.
2297	Profile plugin	The trace records are not being cleared in the Profile plugin when the target resumes execution. This could cause an exception in the profile plugin when retrieving trace records.
		Invalid pop-up is displayed when user tries to browse the .gsi file under Linker > Output.
2302	Application	User is shown a warning regarding the use of reserving registers for fast interrupt.
2308	Application	GNURX : CPU option {{{-mmax-constant-size,-msmall-data-limit}}} are not passed to library generator.
2332	RX build plugin	CCRX built system libraries deleted to avoid an issue with CCRX older toolchain versions. This feature allows libraries to be re-used in subsequent builds so they should no longer be deleted.
2333	HEW Project Converter	External linker script not used while building HEW imported projects.
2353	Application	In some cases e2studio is not downgrading the E1 firmware correctly for use with the current e2studio version. e.g. When the debugger is used with a future version of the tool e2studio needs to be able to downgrade to something it can use.
2370	Application	For all RL78 devices with 256B RAM (e.g. R5F10366) the default stack section address is the same as the .data section.
2392	Application	Line numbers should be switched on by default.
2397	GDB server EXEC	RL78 needs a switch to turn off trace.
2415	GDB server	SFR areas are shown as FF value in the memory window. To see IO register values please use the IO view.
2418	Application	GNU RX: 'Restore Defaults' restores wrong values for data endian.
2419	GDB server	When viewing some 16-bit io register on an RL78 in the IO view the value is always displayed as 0x0000. This behaviour is confirmed for SMR0n (e.g. SMR02) & MULA. For SMR0n registers the value after reset should be 0x0020, so this is not an io_define.h or compiler issue with writing to the register.
2427	Event points plugin	When attempting to open the eventpoint edit dialog for an existing eventpoint when not in a debug session a NullPointerException? is thrown. Editing the eventpoint does not need to be allowed but the dialog should display.
2433	Application	GNU RX: CPU option between projects is not properly passed to compiler. Steps: 1. Create GNURX project for RX200 e.g test1 2. Build test1 project. 3. Create GNURX project for RX200 e.g test2 4. Build test2 project. 5. Select test1 project. Go to Compiler -> CPU -> RX600. Click on OK. 6. Clean test2 project. Build test2 projectmcpu=rx600 command is passed to compiler instead of -mcpu=rx200.
2437	Application	GNUSH: CPU option is not passed correctly for Custom configuration.
2438	Application	GNURX: Library generator is not invoked on changing CPU.
2451	Application	SHC: Visiting Linker for custom configuration throws exception.
2462	Application	Symbolic values in address dialogs. Decimal values read as hexadecimal. The address has been saved as 0x1234 and not 0x04d2
2472	Project Generation	Default E1 settings are changed. Permit Clock Source Change is now set to on as default.
		When creating a new project, if the device name is entered into the Target field then by default the wrong version of the device is selected.
2547	Project Generation	For example with R5F562N8BxFP the device "RX600 -> Other -> RX62N - 100 pin -> R5F562N8BxFP" is selected rather than "RX600 -> RX62N -> RX62N - 100 pin -> R5F562N8BxFP".
2555	Application	In some situations when using RL78 after executing to the _PowerON_Reset function, executing again does not move the PC away from the _PowerON_Reset function.

Open issues in 2.0.0.15

		<u> </u>
ID	Component	Description
16	Application	When debugging Segger J-Link application using RX, at the first (invalid) breakpoint, it shows garbage values for global variables.
		There are some IO Registers where the same memory address holds 2 registers with difference access sizes. These registers are general a read-only register and another register used for writing which is write-only.
17	IO view plugin	These registers are currently all listed as R/W in the IO Map file and so the view will attempt to display values for the wrote-only registers. When it does this the bytes are displayed reversed.
40	Application	The message "Error: Unable to create variable object" is sometimes shown during debugging when stepping out of functions.
		Register values have incorrect initial values when using the RX Simulator or RX hardware debugging. Initially, R0 values are same as ISP in E2S whereas R0 values are same as USP in the HEW environment. R0 is alias to USP. Later on the R0 values are same as ISP / USP depending on the stack usage.
41	Application	Incorrect Accumulator value is displayed (i.e, Accumulator is 0, when checked on command line as well, gdb does not update accumulator values). This is a RX Simulator issue.
72	IO view plugin	All IO registers for RX devices are listed as Read/Write? in the IO xml files used by the IO view, even though some are read or write only.
110	Application	e2studio needs permissions to write to the installation directory. This is a standard Eclipse problem however you may experience issues registering your toolchains or performing updates if you do not have administration access when using directories with restricted access.
220	GDB server	e2-server-gdb executable currently causes a security alert in Windows when executed for the first time. The publisher is currently undefined also. Accepting the dialog allows normal operation to proceed.
301	Trace plugin	Trace buffer full functionality needs addition. New checkbox needs adding to the GUI.
		In the case of MinGW toolchain projects - Whenever you add any include path in the compiler / assembler include path option, it is displayed in the Project Explorer -> <pri>name> -> Includes. In case of KPIT / Renesas toolchain projects - Whenever you add any include path in compiler / assembler include path option, it is not displayed in the Project Explorer -> <pri>pri_name> -> Includes.</pri></pri>
364	Application	It only displays the default include paths added during project generation. The include paths are shown in the build option preferences as you would expect.
373	GDB server	e2studio does not support debugging using multiple E1 emulators connected to the system. There is no way to select which emulator you would like to connect to.
392	GDB server FFW	When using a brand new RX62N RDK with the Segger J-link if the board is brand new you cannot connect to the device the first time. The second time if you use the debug button on the debug configuration page and press debug instead it works correctly.
398	GDB server	FMtool for Romless devices not implemented.

		When using the project generators some settings are not remembered correctly when moving forward in the wizard and then stepping back.
		The 'CPU Type' information is not saved, while some of the additional options are remembered and some not.
419	Project Generation	
		Trace view - save and load trace data. When trace data is saved the save dialog defaults to .xml extension rather than .rtt. This means that the saved data is not loaded back into the
		view.
		Also the load dialog defaults to .xml, but does not load the trace data back into the trace view regardless of the file type. Illegal trace files are not flagged as non standard trace files as
452 475	Trace plugin GDB server EXEC	per requirements. Once a debug session has been terminated when using an IECUBE another connection is not possible until the IECUBE had been unplugged from the machine.
478	Event points plugin	Clicking on column headers in Eventpoints view does not order entries.
480	Event points plugin	Unable to add eventpoints using the insert key.
482	Event points plugin	Browse () remaining disabled on Eventpoints view.
525 540	GDB server GDB server	When Move to Line is used with RX targets the program is resumed from the selected line, the expected behaviour is that the program would remain suspended. When the refresh interval is <120 msecs the Realtime views are not updating.
0.0	055 00101	
549	Application	When entering address, compare and mask values for an eventpoint, hex digits are assumed. The dialog should assume field values are decimal unless prefixed by a modifier such as "0x" for hex. This is for consistency with data entry and presentation throughout Eclipse/CDT.
567	Real-time Chart	It is not possible to edit series name in the real-time chart view.
628	Application	When instruction stepping into code, PC is sometimes not correctly placed.
		Custom debug configuration.
		Warning message to be generated if custom.bat is empty
		waning message to be generated it customates empty
		Test case: to check if the default settings of predefined Custom Debug launch configuration are correct.
		Steps: 1. Create a project for custom debug configuration. Select Custom Debug' on 'Select default debug settings' page while creating the project.
		2. Don't update custom.bat with any path.
		3. Build the project 4. click debug icon.
652	Application	H. DIEAN GEORGE CONTROL OF THE CONTROL OF T
663	Debug Configuration	When changing the project in the debug configurations tab - a dialogue appears asking if changes want to be saved regardless of whether changes have actually occurred.
		Using Find on "Address" allows the entry of a case insensitive hex number. However on "Destination Address" a case sensitive string is required. This needs to be made clearer on the
722	Trace plugin	UI.
785	Trace plugin	Bus mode records sometimes fail to update if rapid cycling through the available trace modes.
		The trace plugin data field if find & filter is set does not remember its value. When reopened the data option has both fields populated with a numerical number not entered by the
789	Trace plugin	user.
803	GDB server	RL78 program execution stopping on 'Equal' when 'Not Equal' is specified in the Comapre Settings.
811	GDB server	Trigger Count not supported for RL78 but is still available in the Eventpoint View.
816	GDB server	Data Access mask not working for address values for RL78. Program execution stops each time the address is accessed no matter what value it contains.
820	GDB server	Address mask not working for RL78. Program execution does not stop, expecting to see program execution stopping everytime we access an address ending in e8.
822	Project Generation	org.eclipse.cdt.ui is delayed due to common utilities instantiated.
846 873	Application Debug Configuration	HEW debug fails for RX200, RX63N. HEW debugging templates do not exist for RX200 and RX63N. No Renesas GDB hardware launch shortcut for IAR & Green Hills plugins. Launch shortcut needs manual creation.
0.0	Dobug Comiguration	Execution Address Eventpoints with trigger count do not work with Breakpoints on Segger RX.
		Setting an execution address eventpoint with a trigger count on Segger JLink RX62N is not possible if any breakpoints exist, including the default at main.
874	Event enints aboris	If an execution address evention in with a trigger count is set with a breakpoint both the eventpoint & the breakpoint do not function. Multiple breakpoints are set then only 1 does not
877	Event points plugin	work. Additional eventpoints function as normal.
	Debug Configuration	
879	Debug Configuration Trace plugin	IOView is populated for the incorrect target for debug-only projects. If you open the debug configuration dialog the IOView is populated with the correct target information. Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend.
879 887		
887 909	Trace plugin Trace plugin Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings.
887 909 930	Trace plugin Trace plugin Application GDB server	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices
887 909 930 934	Trace plugin Trace plugin Application GDB server Event points plugin	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints.
887 909 930	Trace plugin Trace plugin Application GDB server	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices
987 909 930 934 935	Trace plugin Trace plugin Application GDB server Event points plugin GDB server	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint
887 909 930 934 935 936 938	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker->Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message.
887 909 930 934 935 936 938	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78.
887 909 930 934 935 936 938 987 1021	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio.
887 909 930 934 935 936 938 987 1021 1065	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger.
887 909 930 934 935 936 938 987 1021 1065	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work.
887 909 930 934 935 936 938 987 1021 1065	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes
887 909 930 934 935 936 938 987 1021 1065	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work.
887 909 930 934 935 936 938 987 1021 1065	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes
887 909 930 934 935 936 938 987 1021 1065	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application GDB server Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker->Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain.
887 909 930 934 935 936 938 987 1021 1065 1131 1255	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application GDB server Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200
887 909 930 934 935 936 938 987 1021 1065 1131 1255	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application GDB server Application Installer Application GDB server Application Installer Application Application Application Application Application Application Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint. Duplicate Address is allowed in Linker->Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 1M Byte even if the targets trace capacity is different.
887 909 930 934 935 936 938 987 1021 1065 1131 1255	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application GDB server Application Installer Application GDB server Application Installer Application Application Application Application Application Application Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker->Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair Irom Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work.
887 909 930 934 935 936 938 987 1021 1065 1131 1255	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application GDB server Application Installer Application GDB server Application Installer Application Application Application Application Application Application Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint. Duplicate Address is allowed in Linker->Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 1M Byte even if the targets trace capacity is different.
887 909 930 934 935 936 938 987 1021 1065 1131 1255	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application GDB server Application Installer Application Trace plugin Trace plugin	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint. Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) of does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 1M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Comparing the two it appears GDB is attempting to load more stack levels than actually exist.
887 909 930 934 935 936 938 987 1021 1065 1131 1255 1263 1352 1404	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application GDB server Application Installer Application GDB server GDB server GDB server GDB server Application Application Application Application Trace plugin	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint. RL78 G14-2 only allows one Event Break eventpoint. Duplicate Address is allowed in Linker->Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 1M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Comparing the two it appears GDB is attempting to load more stack levels than actually exist. Project builds, but rx_convertor.exe fails when on network drive.
887 909 930 934 935 936 938 987 1021 1065 1131 1255 1263 1352 1404 1422 1460 1485	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application GDB server Application Installer Application GDB server GDB server GDB server GDB server Application Application Application Trace plugin GDB Application Application Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint. Duplicate Address is allowed in Linker->Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 1M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Comparing the two it appears GDB is attempting to load more stack levels than actually exist. Project builds, but rx_convertor.exe falls when on network drive.
887 909 930 934 935 936 938 987 1021 1131 1255 1263 1352 1404	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application GDB server Application GDB server Application Installer Application GDB server GDB server GDB server GDB server Application Application Application Trace plugin GDB Application Application Application Application Application Application Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting 'Inhibit all warning messages' does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint to RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint to RURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. *Add Watchpoint* from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 1M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Comparing the two it appears GDB is attempting to load more stack levels than actually exist. Project builds, but rx_convertor.exe falls when on network drive. The edited address value in Memory window does not highlighted in red but does update. Breakpoint prope
887 909 930 934 935 938 987 1021 1065 1131 1255 1263 1352 1404 1422 1460 1485 1486 1523 1531	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application GDB server Application Installer Application GDB server GDB server GDB server GDB server GDB server Application Application Application Application Trace plugin GDB Application Application Application Application Application Application Application Application Application HEW Project Converter Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting 'Inhibit all warning messages' does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break one eventpoint using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) of does not work as expected. *Add Watchpoint' from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 1M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Comparing the two it appears GDB is attempting to load more stack levels than actually exist. Project builds, but rx, convertor axe falis when on network drive. The edited address value in Memory window does not highlighted in red but does update. Breakpoint properties do not work
887 909 930 934 935 936 938 987 1021 1131 1255 1263 1352 1404 1422 1460 1485 1486 1523 1531 1532	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application GDB server Application Installer Application GDB server GDB server GDB server GDB server GDB server Application Application Application Trace plugin GDB Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting 'Inhibit all warning messages' does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from AddRemove/Programs does not work for ezistudio. Build console arrows (Next and previous) does not work to expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest ezistudio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section : Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 1M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Comparing the two it appears GDB is attempting to load more stack levels than actually exist. Project builds, but rx, convertor.exe fails when on net
887 909 930 934 935 936 938 987 1021 1065 1131 1255 1263 1352 1404 1485 1486 1523 1531 1532 1595	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application GDB server Application Installer Application GDB server Application Application Application Application Application Application Trace plugin GDB Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting 'Inhibit all warning messages' does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker->Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from AddRemove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 11M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Comparing the two it appears GDB is attempting to load more stack levels than actually exist. Project builds, but n, convertor exe falls when on network drive. The edited address value in Memory window does not hiphlighted in red but does update. Breakpoint properties do not work whe
887 909 930 934 935 936 938 987 1021 1065 1131 1255 1263 1352 1404 1422 1460 1485 1485 1485 1485 1532 1531 1532 1561 1616	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application GDB server Application Installer Application GDB server Application Installer Application GDB server GDB server GDB server GDB server Application Application Application Trace plugin GDB Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints velve toolbar labed not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break on A eventpoint suring ECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from AddRemove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 1M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Comparing the two it appears GDB is attempting to load more stack levels than actually exist. Project builds, but rx, convertor, exe falls when on network drive. The edited address value in Memory window so to tipplighted in red but does update. Breakpoint properties do not work when
887 909 930 934 935 936 938 987 1021 1065 1131 1255 1263 1352 1404 1485 1486 1523 1531 1532 1595	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application GDB server Application Installer Application GDB server Application Application Application Application Application Application Trace plugin GDB Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting 'Inhibit all warning messages' does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker->Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from AddRemove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 11M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Comparing the two it appears GDB is attempting to load more stack levels than actually exist. Project builds, but n, convertor exe falls when on network drive. The edited address value in Memory window does not hiphlighted in red but does update. Breakpoint properties do not work whe
887 909 930 934 935 936 938 987 1021 1065 1131 1255 1263 1352 1404 1485 1486 1485 1486 1523 1531 1532 1595 1616	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application GDB server Application GDB server Application Installer Application GDB server GDB server GDB server GDB server Application Application Application Trace plugin GDB Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view toolbar label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Duplicate Address is allowed in Linker->Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for efstudio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 1M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Companing the two it appears GDB is attempting to load more stack levels than actually exist. Project builds, but nr, convertor exe fails when on network drive. The edited address value in Memory window does not highlighted in red but does update. Breakpoint properties do not work wh
887 909 930 934 935 936 938 987 1021 1131 1255 1263 1352 1404 1485 1486 1523 1531 1532 1595 1616	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application GDB server Application GDB server Application Installer Application GDB server GDB server GDB server GDB server Application Application Application Trace plugin GDB Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Irribit at warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints vent totabal table not updating for RL78 eventpoints. RL78 G142 only allows one Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 1M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Comparing the two it appears GDB is attempting to load more stack levels than actually exist. Project builds, but rx, convertor exe falls when on network drive. The edited address value in Memory window does not highlighted in red but does update. Breakpoint properties do not work when set in the CDT dialogs. For example using the fifter operation and removing
887 909 930 934 935 936 938 987 1021 1065 1131 1255 1263 1352 1404 1485 1486 1485 1486 1523 1531 1532 1595 1616	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application GDB server Application Installer Application GDB server GDB server GDB server GDB server Application Application Application Trace plugin GDB Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter end range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventpoints allowed on RL78 devices Eventpoints view tolobar label not updating for RL78 eventpoints. RL78 G142 only allows one Event Break eventpoint Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Addremove/Program does not work for e2stuction. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 1 MB byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Comparing the two it appears GDB is attempting to load more stack levels than actually exist. Project builds, but rx_convertor.exe fails when on network drive. The edited value in Registers window was not highlighted in red but does update. Breakpoint properties do not work when set
887 909 930 934 935 938 987 1021 1065 1131 1255 1263 1352 1404 1485 1486 1523 1531 1532 1595 1616 1640 1642	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application GDB server Application installer Application GDB server Application FOR Server GDB server GDB server GDB server Application Application Trace plugin GDB Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter ent range value gets set to the start range after reopening dialog. Selecting "Irribit all warning messages" does not disable advanced warnings. Unlimited number of Event Break evertpoints allowed on RL78 devices Eventpoints view toolbast label not updating for RL78 eventpoints. RL78 G14-2 only allows one Event Break eventpoint Updicate Address is allowed in linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Add/Remove/Programs does not work for ezaludo. Suid console arrows (Next and previous) does not work as expected. Add Watchopin' from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting socion using delete button (keyboard) does not work. The trace acquisition dialog always displays a trace capacity of 1M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Comparing the two It appears GDB is attempting to load more stack levels than actually exist. Project builds, but nx. convertor exe fails when on network drive. The edited address value in Memory window does not highlighted in red but does update. Breakpoint properties do not work when set
887 909 930 934 935 938 987 1021 1065 1131 1255 1263 1352 1404 1485 1486 1523 1531 1532 1595 1616 1640 1642	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application GDB server Application installer Application GDB server Application Application GDB server GDB server GDB server GDB server Application Application Application Trace plugin GDB Application RX build plugin Application Application Event points plugin	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter and range value pets set to the start range after recepting dialog. Selecting "inhibit all warning messages" does not disable advanced warnings. Unrimided number of Evert Break eventpoints allowed on R.178 devices Everapion's west voloair table in Outpeting for R.178 devices Everapion's west voloair table in Outpeting for R.178 devices Everapion's west voloair table in Outpeting for R.178 devices Everapion's west voloair table in Outpeting for R.178 devices Everapion's west voloair table in Outpeting for R.178 developments. R.178 of 14-2 only allows one Event Break eventpoint. Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using ECube with R.178. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Addrikemova/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint' from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For R.178 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes R.200 C.PU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support R.200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The race acquisition dialog always displays a trace capacity of 11M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though H.EW does not display this issue. Comparing the two it appe
887 909 930 934 935 938 987 1021 1065 1131 1255 1263 1352 1404 1485 1486 1523 1531 1532 1595 1616 1640 1642	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application GDB server Application installer Application GDB server Application Application GDB server GDB server GDB server GDB server Application Application Application Trace plugin GDB Application RX build plugin Application Application Event points plugin	Find and filter are greyed out affect closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter and range value gets set to the start range after reopening dialog. Selecting "Inhibit all warning messages" does not disable advanced warnings. Unlimited number of Event Break eventipoints allowed on RL78 devices Eventiporitis very toolbari label not updating for RL78 devices Eventiporitis very toolbari label not updating for RL78 deventiporitis. RL78 G14-2 only allows one Event Break eventiporitis of GNURX and other targets. Program Execution not stopping for Event Break AOA eventpoints using IECube with RL78. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from AddRemove/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint" from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For RL78 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes RX200 CPU selection should not be supported for toolchains = < 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support RX200 GNU Linker section: Deleting section using delete button (keyboard) does not work. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though HEW does not display this issue. Comparing the two it appears GDB is attempting to load more stack levels than actually exist. Project builds, but rx, convertor exe falls when on network drive. The edited value in Repaisers window as not highlighted in red but does update. Breakpoint properties do not work when set in the CDT dialogs. For example using the filter operation and removing the breakpoint for the p
887 909 930 934 935 936 938 987 1021 1131 1255 1263 1352 1404 1485 1486 1523 1531 1532 1595 1616 1640 1642 1645	Trace plugin Trace plugin Application GDB server Event points plugin GDB server Application GDB server Application GDB server Application Installer Application GDB server Application Application GDB server Application Installer Application GDB server GDB server GDB server GDB server Application Application Application Trace plugin GDB Application	Find and filter are greyed out after closing trace view. The only way to activate find and filter options is to resume debugging and suspend. Trace address filter and range value pets set to the start range after recepting dialog. Selecting "inhibit all warning messages" does not disable advanced warnings. Unrimided number of Evert Break eventpoints allowed on R.178 devices Everapion's west voloair table in Outpeting for R.178 devices Everapion's west voloair table in Outpeting for R.178 devices Everapion's west voloair table in Outpeting for R.178 devices Everapion's west voloair table in Outpeting for R.178 devices Everapion's west voloair table in Outpeting for R.178 developments. R.178 of 14-2 only allows one Event Break eventpoint. Duplicate Address is allowed in Linker-Section for GNURX and other targets. Program Execution not stopping for Event Break OA eventpoints using ECube with R.178. Exporting project if linker sections are modified and not saved generates an error. Resource not synchronized is the message. Repair from Addrikemova/Programs does not work for e2studio. Build console arrows (Next and previous) does not work as expected. "Add Watchpoint' from Variables window context menu crashes the debugger. In the latest e2studio the crash no longer occurs however watchpoints do not work. For R.178 the expressions View can only monitor 8 chars (each 1 byte), should be able to monitor 16 bytes R.200 C.PU selection should not be supported for toolchains =< 1.00.01 for the CCRX Renesas toolchain. This toolchain does not support R.200 GNU Linker section: Deleting section using delete button (keyboard) does not work. The race acquisition dialog always displays a trace capacity of 11M Byte even if the targets trace capacity is different. When debugging some RX projects, after hitting some breakpoints the session hangs while retrieving stack data & the session must be terminated. The same module downloaded and debugged though H.EW does not display this issue. Comparing the two it appe

		E1RL78 Connection can fail.
		Failure to connect can be caused if an area of flash used by the debugger gets corrupted. This can be worked around by setting the debugger configuration / connection settings tab option "Erase Flash ROM When starting" to Yes.
1726	Application	Once connection is established OK, the option can be reset to No.
1742	Debug Configuration	When the project has been selected to use SH. The user is prompted to select the launch configuration on clicking 'run'. The launch configuration should be automatically selected correctly.
1750	HEW Project Converter	The HEW project importer does not import the linkage order from HEW. e2studio does not have the facility to define the linkage order.
1730	TIEW Floject Convenci	SHC: 'Output file type':-code=asmcode differences for per file v/s project settings.
		Build the single file and the option -code-asmcode will passed to compiler .
1769	Application	Now build the complete project and the '-code=asmcode' option is not passed while building the reset_program.c.
1700	пропосног	When setting the 'Internal Flash Memory Overwrite' debug option, it is possible to exceed the maximum number of non-continuous memory blocks supported. No warning is given if this
		limit is exceeded.
1778	Application	When setting this option ensure the limit (16 for RX devices) is not exceeded.
1786 1790	SH build plugin Real-time Watch	The range button is available on the Eventpoints Data Access Settings tab of an OA address point even though these eventpoints are unavailable on the SH target. Real-time expression settings are not saved when the application exits.
1792	GDB Server SH	Trace Fill until Full or Stop has no effect for some SH targets. Defaulting to "Fill until stop".
		Debug configuration button does not show last configuration.
		The tooltip shows "Debug RX630E"
1801	Application	but when the button is pressed "RX62T" is launched, and "RX62T" is the one at the head of the list also.
1802	GDB Server SH	Unable to apply SH OA event point when Compare Settings chekbox is checked.
1804	Application	After reload of modified file near breakpoints, do a reset and go - the breakpoints were shown in the source and breakpoint view but the target did not stop. After a step over a breakpoint the target stopped correctly at all breakpoints. This was found on RX62T.
.554	, фриссион	While source mode is enabled on the trace view if you swap or cycle to another view, before returning to the trace view. The contents of the view will be removed. To obtain the source with a source mode is enabled on the trace view if you swap or cycle to another view, before returning to the trace view. The contents of the view will be removed. To obtain the source view again please follow these steps:
1807	Trace plugin	view again please follow these steps: Enable Bus mode on the trace view, disable source mode on the trace view, renable source mode and then disable Bus mode.
		Import a HEW RX project in e2studio using the HEW project importer.
1808	HEW Project Converter	Check: Project > Properties > Compiler > Source > Include file directories. Paths are duplicated Every now and then (in this case after switching project), when building a project has been completed, the build progress bar hangs indicating that the build is still in progress when
1840	Application	clearly it is not.
1841	HEW Project Converter	Importing HEW project generates warning in e2studio for 'src' directory.
		HEW Importer: Compiler > Warnings > Advance > Enable All check-box is not mapped.
1846	HEW Project Converter	All warnings checkboxes are checked as expected, however the 'Enable All' option is not checked.
		Unable to create a project for the following target in project generation
		Toolchain: GNUSH v12.01 Target: R5F71374FPV
1847	Debug Configuration	Emulator: E10A SH2
1859	GDB server	Program execution stops inside a range when Range Exclusive is specified in the address settings for OA event points.
1863	HEW Project Converter	HEW makefile project import in not supported in e2studio 1.1.
		Due to file extension issue with .s and .S and due to known bug, e2studio users wont be able to use .s or .S effectively to pre-process assembly files that need GCC. Hence we
		suggest renaming these files to use:
1889	Application	.S -> .srn .s -> .src
		When an RX hardware debug session is executing the reset button can be operated but does nothing.
1891	Application	In RL78 the debugger is reset correctly.
1904	Profile plugin	Profile view: Go to source throws an exception if no file path is defined in profiler.
1927	Event points plugin	Trace Record execution address eventpoints are allowed with e2Studio, these are not available with HEW, should only allow Trace Record eventpoints of type data access to make consistent with HEW.
1932	Application Application	From the memory view, the memory load feature does not work for reloading data into external flash.
		When using the IECUBE for RL78 the source lines for coverage are not being highlighted correctly in some cases.
1936	Coverage plugin	THIRD using the LEGGE for NETO the source lines for coverage are not using highlighted correctly in source cases.
		A user tries to import a already imported project (in a different workspace) again. However the project is deleted from the previous workspace.
		This results in the following error message "The selected .hwp file overlaps the location of another project". See attached dialog.
		This is because when the project is removed from the project tree the Eclipse projects are not physically removed. Deleting the Eclipse project files from the directory allows the
1950	HEW Project Converter	operation to continue.
		If you import a v850 debug-only project with a debug configuration and attempt to either debug the project; you will get problem occured message which will say "Unknown Debug
1951	Application	Hardware 'E1 (V850)". E1 (V850) hardware is not available in e2studio 1.1
1965	GDB server EXEC	RL78 IECUBE performance appears less than CubeSuite+ and the E1 in e2studio
1982	RX build plugin	For Renesas CCRX the Converter phase gets invoked even when using the external linker subcommand option. This should not happen.
		HEW Project Import fails to build file due to File or path name too long.
2010	HEW Project Converter	This is due to the difference between HEW and Eclipse. In HEW object files are output to the configuration directory. In Eclipse the files are output alongside the source file in the same directory.
2030	Application	Linker Section UI: Move Down button is disabled for the first element from any section.
		Source/Disassembly not being displayed after trace view is opened.
2044	Trace plugin	Toggle off and on the Source Mode button and source is now displayed and view continues to behave correctly there on.
		Linker Section Editor - Need to conditional Enable / Disable the UI buttons.
		'Add button' is not disabled when user selects contents (Label, Expression or Keyword) inside the section.
2059	RX build plugin	When user clicks on add button, when Label, Keyword or expression is selected, nothing gets added.
		Further enhancements are required to improve the speed of profiling when using the IECUBE emulator hardware.
2078	Application	Currently the system can take 1-2 minutes to receive all data for profiling.
2081	Application	After building a project if user changes anything in linker subcommand file option, only ObjCopy is gets invoked. Linker should get invoked.
2082 2156	HEW Project Converter	HEW importer when using SHC Renesas compiler. The linker option "-show=total_size" is passed extra in e2studio as compare to HEW following conversion.
	Application	When using the profile window, for SH72643, the 'execution time' and 'average execution time shows negative values for the first time only after which it runs normally.

		·
		When using the trace feature and the E1 the trace data types are not shown correctly.
2159	GDB server	Even when branch+data is shown on branch is displayed. On a subsequent run branch+data is then shown correctly.
		Software breakpoints are not supported on targets that use external flash to run application.
		Also, in this case 'force Hardware Breakpoints'(In Debug tool settings) set to 'No' by default.
2161 2193	Application GDB Server SH	A warning message should be displayed while trying to set software breakpoints in such cases. Reload of code for SH devices with external flash does not work. Instead, disconnect and reconnect.
2196	GDB Server SH	NADI/SEQUENCE eventpoints cannot be created but possible to change an existing or Neventpoint to AND/SEQUENCE with SH72643 target.
2244	GDB server FFW	RX630E - Using trace start/stop events has the effect of disabling trace capture.
		Wrench is not displayed after a file's build settings are modified.
2278	Application	This is a generic Juno CDT issue.
2279	Application	Scanning is invoked when any header file is modified, even if this header file is not actually used by the compiler due to conditional exclusion.
		It is possible for .c and .C files to be treated in the same manner in certain situations which is not correct.
2299	RX build plugin	It is possible to . C and . C mes to be treated in the same manner in certain studators which is not conect. (C extension is changed to . c during project build).
2336	GDB server FFW	The e2studio debugger is preventing the RX family MCU from entering low power states following a disconnect operation.
2364 2390	Application RX build plugin	If entering a special character in a build configuration name such as "%" it can cause a build failure. Exception is generated when all sections are removed from Linker UI.
2330	IXX build plugiii	Exception is generated when an security are removed from Linker Ut.
2407	Application	Issue RX 200 E1, switiching to Data trace acquisition requires Trace Record eventpoints to be setup. This is a hardware limitation. Switiching to Branch+Data trace acquisition is invalid and can cause loss of trace until the session is restarted.
2407	Application	and call cause russ or trace until the session is restained.
		Create RXC project Go to RXC Global option page, select "ROM" -> "R8"
2416	Project Generation	3. Select the same value for any other register (e.g. "RAM" -> "R8"), it gives error message and prevents the user from project creation.
		If you delete a src folder and add it again with the same name it gets excluded from the build.
2440	Application	Click on the project and examine the source directories to add it back in.
	.,	
2441	Installer	Installation can fail if the path you are installing into exceeds the max path. e2studio has some quite deep directories so a initial installation directory over 30 characters fails.
2447	Application	Attempting to load a file via the "Load Ancillary File" toolbar button fails when the specified file path contains spaces. In such cases, a dialog is displayed with the message: "Error: Invalid character \" in expression"
2486	Profile plugin	Acquiring profile results can take a very long time following RX Simulator debugging.
2504	CCRX Build plugin	When source files have timestamps ahead of the current time the project will compile every time until the file dates are passed.
0500	A 15 15	
2530	Application	Following an import the toolchain version is changed. (Upgraded) The toolchian is upgraded but the paths to include directories are not changed to reflect the new toolchain.
		Disassembly View: Enter out of range location causes GUI lock. 0xffffffff.
		Enter 0xffffffff in location of disassembly view and press return.
2532	GDB	Then press F8 resume or attempt to enter other location address. The Views can lock up with an hour glass. Pressing terminate or killing the e2-gdb-server process frees the GUI.
2537	Performance Analysis	Performance Analysis: Performance time is not updating following changes to start and stop performance addresses.
2001	r chomance Analysis	r crommance avaryase i crommance unite is not upouring relatinges to ourit and stop performance adulticates.
		RX Simulator has max of 246 events (256 - 10 reserved for eventpoints).
		Set beyond this limit will return an error and the GUI displays a yellow warning triangle.
2544	GDB	However press resume (F8) and no existing BP's work and cannot suspend, just terminate.
		DUSCS debugging has some limitations.
		RH850 debugging has some limitations:
2552	Application	The stack trace on the Debug tab shows a maximum of 2 function calls. Variables that are held in CPU registers are not shown in the Variables or Expressions View.
2556	Application	When using CCRX for a poject the debugger like E1 cannot display double size variables. When the project is built using GNU for RX double data is displayed without problems in the
2561	Application	Toolchain management: If user changes the default path to customize path for an older project, it still considers older path instead of new path during project build
2562	Project Generation	In certain situations a toolchain is shown as un-registered on toolchain management page, even when integrated with e2studio on start-up.
	-	
2576 2636	GDB Application	Using RPBRL78L12 and GNURL78 v13.01, attempting to step into a C function call within an assembly file (reset_program.asm) results in a step over. Visiting build options and clicking on 'OK' rebuilds already built GNUSH executable/library c/c++ project.
2650	Application	Dependency scanning does not work for library template projects(GNU and Renesas) when using conditional includes.
2651	Application	Library Template: Build fails when spaces are present for file or folder name.
		When importing a configuration from another project when building a "File not found" exception is shown when the user tries to import external linker file.
2657	Application	Creating the file inside the project directory should solve this issue.
		RX210 disassembly view disassembles memory as little endian.
		Downloaded module is big endian.
2667	GDB	Debug configuration is set for big endian. A .mot file is downloaded to another part of memory and this is shown as little endian.
2669	GDB server	In certain situations when downloading to IECube without an image file it can cause the debugger to hang.
		in e2studio for an application created by RL78 GNU compiler is the corresponding source code of RESET vector seem to be not found first and therefore a file with the info text 'No
		source available for "(gdb[12],proc[42000].threadGroup[i1],gdb[12],proc[42000].OSthread[1]).thread[1].frame[0]" ' is displayed.
2671	GDB server	Debugging can continue normally after this.
2693	Application	HEW Importer, output file(.P/.PP) is not generated while building the project.
2696	Application	RL78 cannot step over empty for loop.
2705	Performance Analysis	Perfomance Analysis values presented for RX seem to be elapsed cycles no matter what is configured.
2716	GDB server EXEC	Before PC events on IECube temporarily hard coded limit of 4.