AVR Studio 4.17 (build 666)

AVR Studio 4.17 (build 666) (112 MB, updated 7/09)
AVR Studio 4.17 includes new device support and numerous overall enhancements;
Full AVR ONE! 8-bit support - both programming and debugging, AVR Battery Studio version 1.02, JTAGICE mkII command line SW with support for ELF production file format, and STK500 command line SW with support for ELF production file format.
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Welcome to AVR Studio 4.17 (07/2009)

Part support

The following (19) new parts have been added to AVR Studio since 4.16 SP1:

- ATtiny4, ATtiny5, ATtiny9, ATtiny87, ATtiny261A, ATtiny861A, ATtiny2313A, ATtiny4313, ATmega644PA, ATmega16HVB, ATmega16M1, ATmega64M1, ATmega64C1, ATmega8U2, ATmega16U2, ATmega32U2, ATxmega192D3, AT90SCR100, ATmega128RFA1

New Features

Full AVR ONE! 8-bit support. Both programming and debugging.
AVR Battery Studio version 1.02
JTAGICE mkII command line sw with support for ELF production file format
STK500 command line sw with support for ELF production file format

Bug Fixes

* Fixed issue with non-working simulator in RC1.

6093 USB driver installation on Windows Vista x64. Upgraded to latest Jungo driver.
7001 Known issues states that 64bit USB in Vista is not supported
9713 Error Code: -2147467259 when opening a project
9751 Error in registerview. Register gets overwritten with wrong values when a neighbour register is edited.
9508 I am not asked if I want to reload project even if it has changed
9447 Creating ELF files from AVR Studio, not possible to ommit a memory type.
8003 jtag programming hangs when using .elf format without EE-file
85 JTAG ICE mkII does not release Reset
9773 Writing a .hex file to the AT90USB1287 using "Tools"->"Program AVR" function works indeed, but transferring the .elf file does not.
9609 In AVR Studio4.16 b628 ATmega329P signature vaires in .xml file from the Datasheet
8845 Wrong BOD levels in the XMEGA part description files.
9792 jtagiceii.exe does not support ELF production file format.
8220 ''''''''''''''Preserve EEPROM contents when reprogramming device''''''''''''''' is not working for XMEGA devices
9704 The libdwarf library used in AVRStudio is outdated. Updated to latest version.
9508 I am not asked if I want to reload project even if it has changed
9647 Errors in ATmega16U4, ATmega32U4 and ATmega32U6
9614 AVRStudio crashes when loading elf file
9701 libdwarf limits the number of standard opcodes for linenu...
10026 Infinite loop when loading objectfile
10099 Help pages for JTAGICE mkII show display error when pressing help button after a JTAG mode error
10114 Auto functionality in programming dialoge fails when program and read the FLASH / EEPROM

Note

Windows 95 is no longer supported by AVR Studio. The most recent version that supported Windows 95 was AVR Studio 4.12 SP3.
Windows 98 is no longer supported by AVR Studio. The most recent version that supported Windows 98 was AVR Studio 4.16 SP1.

[**Zaslal Torgeir**]