



## ISE Design Suite 10.1 Install Release Notes Known Issues

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The ISE Design Suite 10.1 Release Notes and Installation Guide found at the following URL contains installation instructions, system requirements, and other general information about ISE Design Suite 10.1:

<http://toolbox.xilinx.com/docsan/xilinx10/books/docs/irn/irn.pdf> (English)

<http://toolbox.xilinx.com/docsan/xilinx10j/books/docs/irn/irn.pdf> (Japanese)

This Known Issues document is a supplement to the Release Notes and Installation Guide and contains links to Answer Records that contain information on known issues in the ISE Design Suite. Xilinx Technical Support recommends that you apply the first service pack, to be released in late April 2008, as soon as it is available to avoid many of these Known Issues.

For IP-specific release note information related to IP Core Updates shipped in the ISE Design Suite 10.1 software release, as well as updates shipped in earlier ISE releases, refer to the IP Release Notes Guide at the following URL: [http://www.xilinx.com/support/documentation/user\\_guides/xtp025.pdf](http://www.xilinx.com/support/documentation/user_guides/xtp025.pdf)

### ISE General

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- [30374](#) 10.1 Schematic - RAMB36 initial values are all set to zero; behavioral simulation fails
- [30376](#) 10.1 ISE - "ERROR:ProjectMgmt:387 - TOE: ITclInterp::ExecuteCmd gave Tcl result..."
- [30382](#) Install - System experiences kernel panic when installing cable drivers on Linux
- [30383](#) 10.1 Install - Issues when installing both Standalone Programming Tools and ISE
- [30384](#) ISE - Conflict in /usr/lib64/kde3/plugins/styles/, Plugin uses incompatible Qt library
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- [30386](#) 10.1 Install - Canceling a WebInstall causes a segmentation fault
- [30387](#) 10.1 Install - Select Installation Options (Environment Variables) is not displayed
- [30481](#) 10.1 ISE - What is SecureIp and when is it supported?

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[30357](#) 10.1 Constraints Editor/Floorplan Editor - Launching Floorplan Editor after Constraints Editor is Up causes Project Navigator to crash, "ConstraintSystem:151"

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[30364](#) 10.1 Constraints Editor - Unable to create constraints for EDIF project

[30365](#) 10.1 Constraint Editor - Comment line does not work correctly

[30367](#) 10.1 Constraints Editor - DDR OFFSET IN/OUT Wizard uses FALLING keyword for both rising and falling edge elements, and the pad timegrp name includes extra letters

[30370](#) 10.1 Constraints Editor - OFFSET IN (Clock to Setup Wizard does not provide "ns" as valid values

[30369](#) 10.1 Constraints System - Lack of error numbers and UCF line numbers for constraint syntax issues

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[30291](#) 10.1 CORE Generator - Known Issues for CORE Generator 10.1

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- [29852](#) 10.1 EDK, MPMC v4.00.a - Memory details in MPMC GUI are not updating on CUSTOM part choice
- [30132](#) 10.1 EDK, MPMC v4.00.a - mpmc\_ecc\_example.c:318: error: InterruptController undeclared
- [30133](#) 10.1 EDK, MPMC v4.00.a - NPI PIM\_RdFifo\_Empty signal incorrectly goes Low when PIM\_RdFifo\_Flush is asserted
- [30194](#) 10.1 EDK - "WARNING:MDT - This flow has been removed from the tools. Please update your scripts to remove this command"
- [30216](#) 10.1 EDK - Why is it that XMD cannot connect to the FPU in my PPC design?
- [30224](#) 10.1 EDK - "ncvhdl\_p: \*W,DLCILIB: Library name 'xilinxcorelib' not found, defaulting to 'XilinxCoreLib'. Please see nchelp on this error."
- [30225](#) 10.1 EDK - libgen gives me errors in \_profile\_timer\_hw.c when I try to profile for the PPC440
- [30274](#) 10.1 EDK - Downloading a VxWorks image for PPC440 does not work
- [30292](#) 10.1 EDK - "ERROR:MDT - IPNAME:xps\_iic HW\_VER:1.00.a - Can not find valid MPD..."
- [30298](#) 10.1 EDK - After running compedklib to create simulation libraries for NCSim, I cannot run simulations
- [30299](#) 10.1 EDK - Can I use CSUM offload with the xps\_ll\_fifo?
- [30303](#) 10.1 EDK - How do I upgrade MicroBlaze from v7.00 to v7.10 in EDK?
- [30334](#) 10.1 EDK, MPMC v4.00.a - Cannot find MIG /mig21/user\_design/rtl/mig21.v for Virtex-5 DDR2 design
- [30381](#) 10.1 EDK Install - settings32.sh and settings32.csh created even when no 32-bit applications exist on Linux 64-bit

## Floorplanning

- [30278](#) 10.1 Floorplanner - S3AN200 FT256 pin locations shown incorrectly in Floorplan View
- [30285](#) 10.1 Floorplan Editor - Cannot delete constraints in New Source Wizard
- [30359](#) 10.1 Floorplanner/Automotive Spartan-3A - Unable to view place BRAM
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- [30361](#) 10.1 Floorplan Editor - Unable to change the I/OStandard
- [30366](#) 10.1 Floorplan Editor - Unable to see all Vref pins and right side I/O pins for Spartan-3, Spartan-3A, Spartan-3AN, and Spartan-3A DSP devices
- [30371](#) 10.1 Floorplan Editor - Area Group ranges are written incorrectly

## iMPACT

- [30307](#) 10.1 iMPACT - Release Notes and Known Issues

## IP

[29767](#) 10.1 IP Update #0 - Release Notes and Known Issues for CORE Generator ISE 10.1 IP Update 0 (10\_IP0)

## ISim

[30331](#) 10.1 ISim - ISE Simulator Known Issues

[30332](#) 10.1 ISim (ISE Simulator) - "FATAL\_ERROR:Simulator:Fuse.cpp:419:\$Id: Fuse.cpp.v"

## MAP

[30064](#) 10.1 MAP - "FATAL\_ERROR:MapLib:basmmtswrap.c:79:1.25- Failed to build TS database: 1 error(s)"

[30112](#) 10.1 MAP - Net SAVE property behavior has changed and may lead to DRC failures

[30404](#) 10.1 MAP/PAR - Placement phases do not produce same results on different OS platforms

## NGDBuild

[30333](#) 10.1 NGDBUILD - Problems with constraint precedence

## PACE

[30362](#) 10.1 PACE - Unable to load Spartan-2 or Spartan-3 device with -4Q speed grade

## PAR

[30355](#) 10.1 PAR - Overview of new behavior where XIL\_PLACE\_ALLOW\_LOCAL\_BUFG\_ROUTING variable is replaced by the CLOCK\_DEDICATED\_ROUTE constraint

## PlanAhead

[30513](#) 10.1 PlanAhead - Can not launch PlanAhead on Linux

## Project Navigator

- [30290](#) 10.1 ISE - Known Issues for Project Navigator 10.1
- [30368](#) 10.1 Project Navigator - Creating a new I/O pin assignment with the New Source Wizard causes a crash
- [30375](#) 10.1 ISE - When opening PinAhead, error occurs: "FATAL\_ERROR:GuiUtilities:Gq\_Application.c:590:1.20 .."

## Synthesis

- [30273](#) Synplify - Does Synplify support the use of unimacros in ISE 10.1?
- [30477](#) 10.1 XST - "ERROR:MapLib:979 - LUT2 symbol <instance name> has an equation that uses input pin I1"

## State Diagram Editor

- [12053](#) 10.1 State Diagram Editor - The state diagram (.dia) cannot be saved without Administrator privileges in Windows 2000/NT
- [15589](#) 10.1 State Diagram Editor - State Assignments variables set to "Node" cause synthesis errors such as "ERROR: HDLParsers:3312 - Undefined symbol 'state0'"
- [16616](#) 10.1 State Diagram Editor - Blocking/Non-blocking statements are not used optimally in Verilog State Machine code

## System Generator

- [17966](#) System Generator for DSP - Which versions of System Generator for DSP are compatible with which versions of ISE and MATLAB? Which versions of MATLAB and other dependent tools are supported by each release of System Generator?
- [23614](#) System Generator for DSP - Why does my design fail to generate when using a FIFO block, From FIFO block, or To FIFO block, in my design, and when my target path is more than 160 characters?
- [29595](#) System Generator for DSP - Release Notes and Known Issues
- [30282](#) 10.1.00 System Generator for DSP - Release Notes/README and Known Issues List
- [30297](#) 10.1.00 System Generator for DSP Installer - Why do I receive the message "An error occurred while installing the Microsoft Network Monitor driver (NetMon) during installation of WinPcap?"
- [30308](#) 10.1.00, System Generator for DSP - My simulation does not use the automatically generated Verilog testbench and stimulus files. Why?
- [30310](#) 10.1.00 - System Generator for DSP - Why do I get "Error 0001: Multiple Clock Support Design Rule Check Failed" when I select DCM for my "Multirate implementation" in my model containing a FIR Compiler block?
- [30312](#) 10.1.00 - System Generator for DSP - I am able to generate my model using the DCM option for "Multirate Implementation" despite having blocks in my design that are listed as unsupported for the DCM
- [30313](#) 10.1.00, System Generator for DSP - Why do I receive the message "MATLAB is not installed" when I try to launch my System Generator project from ISE?
- [30316](#) 10.1.00 - System Generator for DSP - Why do I get mismatches in my post-translate, post-map, or post-par simulation if I use the DCM for my "Multirate Implementation"?
- [30317](#) 10.1.00 - System Generator for DSP - If my design does not use the full rate system clock and the DCM option is used for "Multirate Implementation," I get mismatches in my behavioral simulation
- [30512](#) 10.1.00 System Generator for DSP - When I try to run System Generator for DSP, TrendMicro's virus scanner flags "PPEthernetCosimEngine.dll" as a virus

## Text Editor

- [30321](#) 10.1 ISE Text Editor - Asian language characters in ISE Text Editor might appear corrupted when a file is closed and reopened

## Timing

- [29382](#) 10.1 Timing Analyzer - "FATAL\_ERROR:GuiUtilites:WinApp.c:710:\$Revision - This application has discovered an exceptional condition from which it cannot recover"
- [30017](#) 10.1 Floorplan Editor/Timing Analyzer Crossprobing - The Clock and Data Paths for an OFFSET constraint do not connect
- [30033](#) 10.1 Timing Analyzer Crossprobing - Extra connections shown through RAM during crossprobe to schematic
- [30335](#) 10.1 Timing Analyzer/ Constraints Editor/Floorplan Editor/PACE - Launching via command line causes multiple issues (crashes to incorrect files)
- [30358](#) 10.1 Timing Constraints - OFFSET OUT without a requirement causes "ERROR:Pack:1653"
- [30460](#) 10.1 Timing Analyzer/Floorplan Editor -Crossprobing with non-updated NCD shows incorrect path

## XPower Analyzer (XPA)

- [30479](#) 10.1 XPower Analyzer (XPA) - Known Issues for XPA

## XST

- [30328](#) 10.1 XST - Known Issues List

## Revision History

The following table shows the revision history for this document.

Date	Version	Revision
03/17/08	1.0	Initial Xilinx release.
03/24/08	1.1	Added additional Answer Records; minor typographical updates.
03/26/08	1.1.1	Fixed broken links.