

Active- VHDL 3.2 Service Pack 1

Below is the information on the location of Aldec's - Active- VHDL 3.2 Service Pack 1. The self extracting executable can be download from Aldec's FTP site.

<ftp://ftp.aldec.com/download/avhdl/avhdl32sp1.exe>

Save the avhdl32sp1.exe to your temporary directory and run the exe. All files will automatically self- extract and save to the appropriate directories.

Active- VHDL 3.2 Service Pack 1 - Release Notes

This update installs the latest enhancements to the following programs:

- VHDL compiler
- Simulation kernel
- Waveform Editor

The following is a list of bugs fixed in this update:

JAK422: Compiler error: COMP96_0016: Design unit declaration expected.

This error may occur if the analyzed source code contains characters 0xA0. The 0xA0 character is treated in Windows as a separator but the compiler may misinterpret it.

NOM60: Elaboration error: ELBWRITE_0001: INTERNAL ERROR: mgcase.cpp(377).

This error may occur for the case...end case construct if a value in a "when" entry is given in the form of an aggregate.

ADM54: Elaboration warning: ELBREAD: Warning: Internal: elb_2er.cpp, 1427.

This is an internal warning only and it does not result from any erroneous situation in the program. This message should not be displayed.

GRA811: Elaboration error: ELBWRITE_0025: Incompatible mode for port ".."

The compiler reports as errors incompatibilities in modes and types of ports of component instances which are left open in corresponding configuration specifications or for which there is no default binding. Such situations are correct and should not be reported as errors.

ADJ9: Compiler error: COMP96_0243: Fatal error : INTERNAL COMPILER ERROR

This error may occur when you compile source files using the "compile with file reorder" command. It never occurs during the first compilation but during subsequent ones.

NOM64: Elaboration error: ELBWRITE_0001: INTERNAL ERROR: text.cpp(3048).

This error occurs when the actual passed in a subprogram call is given in the form of a selected name. This problem applies to signal parameters only.

MAN848: Problem with drivers for composite type ports

This error may occur if a port of composite type (e.g., one- dimensional array) is mapped to a set of scalar signals. If such a port will be then the target of one or more assignments, a problem with the port drivers may occur.

JAK428: Problem with the display of waveforms for large number of signals.

The problem occurs when the Waveform Editor displays waveforms for more than 5000 signals. When you move a timing cursor, the Value column shows correct values of signals. However, the waveforms show constant value of 'U'.

JAK429: Elaboration error : Problem with memory allocation during simulation initialization - The elaboration takes a lot of time.

The problem may occur for designs with the generate statement. If the statement part of the generate statement contains assignments whose target is a signal indexed by the generate parameter, the resulting large number of drivers may cause memory deficiency.