

ADvantage 8.4.0.0 Release Summary

1 Summary of Previous Updates

This full base-line release includes all revisions made to ADvantage from the 8.3 version. This includes 450+ enhancements and fixes made since August 2011, and provided in updates 8.3.2A – 8.3.2N. Also included are changes made since the 8.3.2N update as summarized below.

Release summaries for updates 8.3.2f and later are available from the ADI web site:

<http://www.adi.com/products/software-releases/>

Note that starting with this release, all subsequent updates will no longer use letters to denote versions. Update numbering will now be numeric only.

The following summaries changes made since 8.3.2N only.

2 Minor Fixes / Enhancements

This update includes only a few minor enhancements. Please refer to the release notes for detailed information (<http://www.adi.com/downloads/ADvantage8.4/ADvantageReleaseNotes.htm>). Some noteworthy items are:

- Change to installation folder - as this is a full release, it will be installed in a separate folder than the 8.3 version. However, with this release, the folder hierarchy is changing slightly to help accommodate other ADI software products. The change is this install folder should be transparent to the user.
- In conjunction with the availability of the new rtX compiler, ADvantageVI will now attempt to verify the OS version of the target and the compiler version of the host to ensure compatibility.
- Several improvements and fixes to the installation scripts.
- The included Python distribution has been enhanced to include more available packages, including COM capability.
- Multiple changes and improvements to documentation.

3 Major Enhancements

This release includes 2 major changes from previous versions:

- Updated RTS compiler – changes have been made to the RTS version or the GNU compiler used to make this more ANSI compliant. This will help reduce inconsistencies in provided include files.
- Updated rtX compiler – we are now providing version 6.4.0 of the QNX cross compiler for rtX targets. ADvantage will also still include the previously used 6.2.2 version, and this will remain the default for backward compatibility purposes. An environment variable will be used to allow switching between versions if necessary. Note that rtX systems with an operating system version prior to 6.4.0 will require use of the 6.2.2 compiler. Systems with 6.4.0 or newer OS versions may use either compiler. The newer version of the compiler provides minor improvements in performance and capabilities, and eliminates the use of the FlexLM licensing tool.

Devices / Drivers

No additional logical device support is included in this release.