PV-WAVE Update Notice

Version 2017.1

March 2019

This file, PV-WAVE2017.1_Update_Notice, contains a list of Change Requests (CRs) that have been addressed for PV-WAVE release version 12.0 and subsequent minor releases. For a summary of enhancements and modifications in this release, see the file PV-WAVE2017.1_Release_Notes.

For questions or comments, please contact Rogue Wave Technical Support by sending email or by calling the appropriate Rogue Wave office at the phone number listed on our website.

PV-WAVE 2017.1 CRs

PVW-13486	Print alignment on Linux
PVW-13920	PV-WAVE crash with compiled .cpr files when compiled 64 bit but run on 32 bit
PVW-14040	Keep window open even if license is expired
PVW-14177	PV-WAVE hangs on Windows 10 when launched with wavewin2
PVW-14189	Operating system commands executed in wavewin2.exe cause PV-WAVE MFC application to stop working and close on Windows 10.
PVW-13920	CPR alignment issues on Windows when executing compiled files on 32-bit PV-WAVE created with 64-bit PV-WAVE.

PV-WAVE 2017.0 CRs

PVW-8411	PV-WAVE Home Window correctly handles mid-command returns
PVW-9542	STRUCTREF: handle calls with non-existent structure names
PVW-13102	Update the square button on Pushbutton(OptionMenu) widgets with a downward triangle

PVW-13108	PHOTO_QUERY_FILE (and PHOTO_READ) routines: Update the Default_filetype keyword to match the rules listed in the discussion section.
PVW-13109	PHOTO_COLOR_QUANT: Improve error checking for the Intleave keyword
PVW-13192	SPAWN: no longer saves result in the output parameter on Windows
PVW-13193	DC_READ_FREE: Error reading big integer values in PV-WAVE 64-bit on Windows
PVW-13201	DC_READ_* routines: File is locked when using Nrecs keyword on Windows
PVW-13272	Map_contour.pro (or mapping demo in gallery) ignores !PVWDATA when creating a tmp file
PVW-13285	Added support for Windows Gestures in the drawing area widget
PVW-13317	Demo Gallery: Update the display color mode error message to include the commands for setting the color mode.
PVW-13390	Add support for the latest Visualization Toolkit (VTK) 7.1.0
PVW-13466	Update the interapp build scripts that build/link with gcc to also include libc_supp.a
PVW-13487	Eclipse fails at opening .pro file in the PV-WAVE editor
PVW-13543	DC_READ_FREE: Improperly skipping the correct number of records when Nskip is used while ignoring '$BLANK_LINES' and/or '$TEXT_IN_NUMERIC'
PVW-13592	Docs: Update the Eclipse_PV-WAVE_Plug-in_Tutorial.pdf
PVW-13624	DC_READ_FREE: Incorrectly counts the number of records read and corrupts the output when text is found in a numeric field.
PVW-13627	DC_READ_FREE: Row-oriented reads with the Nskip keyword and $TEXT_IN_NUMERIC skips the entire line and doesn't count the valid record on that line.
PVW-13647	Segmentation Violation when defining an array with an undefined variable in 64-bit PV-WAVE

PV-WAVE 2016.1 CRs

PVW-10551	Update the documentation for linking an application to PV-WAVE using quick.mk
PVW-10965	Add support for '32-bit Grayscale DirectClass' GeoTIFF files as part of the PHOTO_READ function
PVW-11903	Support for Mac OS X version 10.10
PVW-12588	As a PV-WAVE user I want to read a series of DICOM files rapidly using the new PHOTO_* functionality

PVW-12589	As a PV-WAVE user I want to extract a ROI from an image file using the new PHOTO_* functionality
PVW-12620	As a PV-WAVE user add support for larger image pixel sizes - 32-bit pixels
PVW-12729	As a PV-WAVE user, I want a tag added to the !version structure so I can determine the name of product release I'm using
PVW-12730	Interapplication communication (Interapp) demo README files need to be updated for new compilers, etc.
PVW-12732	Retire HPGL and PCL as supported PV-WAVE graphics device drivers
PVW-12865	Change the Mac OS X compiler to use the provided Clang compiler - 7.0.2
PVW-12871	linux.mkcfg: libncurses depends on libtinfo (add -ltinfo to the make config file)
PVW-12893	Linux 32-bit: address cwavefor and LINKNLOAD FORTRAN example failures
PVW-12894	Linux 32-bit: address wavevars C LINKNLOAD example failure
PVW-12898	JWAVE: connection errors using Java 8
PVW-12917	JWAVE: fixes for session startup timeouts and alarming exception message
PVW-12943	LFPOINT_LUN no longer works in 64-bit PV-WAVE on Linux
PVW-13059	Update the Motif license agreement in the PV-WAVE distribution files
PVW-13066	PHOTO_READ allows multiple image files to be read in a single command (Series keyword)
PVW-13115	Docs: Type keyword for the ERRCHECK Procedure needs to reflect the code when type=-1
PVW-13221	IMAGE_READ: Improve error checking for results of file system interactions

PV-WAVE 12.0 CRs

PVW-10326	Uninstall program fails with: "Installer User Interface Mode Not Supported"
PVW-11741	Windows Surface and High Res monitor: Fluid particle tracking demo buttons disappear
PVW-11742	Adjust layout of several demos to accommodate high resolution display
PVW-11743	Windows Surface: Improve performance of some demos
PVW-11745	PV-WAVE Product Installation: "Graphical Installers are not supported" error on Linux platforms.
PVW-11835	Promote user library routine SIZEOF to standard library
PVW-11983	MEDIAN: incorrect results due to rounding errors

PVW-11993	Resolve image library conflicts on Linux RHEL 7.1 32-bit
PVW-11994	Linux 64-bit RHEL 7.1: statically link with libXm.so.2.3.3 to avoid conflicts with system libpng
PVW-12027	Update WacTextSize to default to use larger size.cx/size.cy for drawing rectangles
PVW-12039	flashing occurs with repeated updates of WwList widget on Linux and Mac OSX
PVW-12086	RESTORE cannot restore strings longer than 32,767 characters
PVW-12145	PLOT does not ignore data value if first data element is 1.#QNAN or 1.#IND0
PVW-12187	Update user lib routines riff_read/riff_write.pro for 64-bit
PVW-12427	POLYFILL, PLOTS, CONTOURFILL: Pattern keyword works on UNIX only
JWAVE-154	JWAVE make_config setting wrong IP address
JWAVE-184	Update JWAVE version number to 3.6. JWAVE directory changed to jwave-3_6.