

RELEASE NOTES FOR VICAR OS V4.0

CHANGES SINCE V3.0

Key	Summary
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IDS-8486	AR-CORE Creation of a PDS4 label for an image file > 2G pixels fails
IDS-8455	AR-CORE utilize XML Namespace from PDS4 label to parse the xml.
IDS-538	AR-CORE-JADE-Clicking JadeFileChooser
IDS-8247	AR-CORE-P2-RESSAR77 uninitialized variables
IDS-7924	AR-CORE-P2-VICAR-CWE-134
IDS-7925	AR-CORE-P2-VICAR-CWE-170
IDS-7923	AR-CORE-P2-VICAR-CWE-242
IDS-7922	AR-CORE-P2-VICAR-CWE-457
IDS-7278	AR-CORE-P2-colort2 produced incorrect output values under Linux 32-bit only
IDS-7316	AR-CORE-P2-denoisetv needs a test.pdf and test.log as a formal process when delivering a P2 program
IDS-7279	AR-CORE-P2-detstat produced incorrect output values under Linux 32-bit only
IDS-7952	AR-CORE-P2-fitg verbose mode infinite loop
IDS-7737	AR-CORE-P2-getlab
IDS-7953	AR-CORE-P2-vgrcdcopy data conversion errors
IDS-797	AR-CORE-P2: sargon needs a standard test pdf procedure
IDS-7294	AR-CORE-TRANSCODER: Parenthesis in descriptions causes issues when reading PDS3 labels
IDS-8531	AR-CORE-Transcoder Security Scan Fix
IDS-7746	AR-CORE-VicarIO_CodeAnalysis_Rectification
IDS-7610	AR-CORE-transcoder- Blank image PNG from float vicar
IDS-8251	DAR-CORE Build script Update for new version of TPS MPICH
IDS-7284	DAR-CORE Class cast error in ImageUtils
IDS-8489	DAR-CORE Copy source jar content to \$V2JAVA post java build
IDS-7592	DAR-CORE Correct Mac 64-bit definition in tae53_changes
IDS-7560	DAR-CORE EOF exception for unset sourceRegion in transcoder vicarInputFile class
IDS-8408	DAR-CORE Include TPS pds_mi_label in build scripts
IDS-7577	DAR-CORE Include sun-solr for TPS JOGL, JAI, JAI_ImageIO in java fetch for VOS
IDS-8581	DAR-CORE Remove extraneous endifs from vicset
IDS-7944	DAR-CORE Update Java Build Script for mavenized code

IDS-8173	DAR-CORE Update TAEplat.c for Mac OS Mojave
IDS-7371	DAR-CORE Update Vicar Open Source build script
IDS-8245	DAR-CORE Update build scripts to access TPS boost for Mac Build
IDS-7587	DAR-CORE Update build_open_vicar.csh script for Mac OS 64-bit
IDS-8196	DAR-CORE Update imake.config for Mac 64-bit
IDS-7606	DAR-CORE Update imake_unix.tmpl so that the bulk of p2 will build on Mac
IDS-7559	DAR-CORE Update to build scripts for 64-bit Mac Build
IDS-7648	DAR-CORE Update to build scripts for TPS Boost
IDS-7370	DAR-CORE Update util/setup-indep.csh script
IDS-8192	DAR-CORE Update vicset1.source for new Natgrid version
IDS-8220	DAR-CORE Update vicset1.source with spice update for Mac
IDS-8199	DAR-CORE correct typo in xvmaininc.h
IDS-7387	DAR-CORE java_fetch_external.csh script update for macosx
IDS-8198	DAR-CORE tae53_changes updated for Mac64
IDS-7394	DAR-CORE update java_build.csh for Mac
IDS-7369	DAR-CORE update vicset1 for Vicar Open Source
IDS-7386	DAR-CORE vicset1.source remove quotes from comments
IDS-8200	DAR-CORE vicset1.source update for Mac 64-bit java mysql
IDS-7384	DAR-CORE vicset1.source update for macosx
IDS-8410	DAR-CORE-P2 despike has median calculation error
IDS-7840	DAR-CORE-P2-fastmos
IDS-7930	DAR-CORE-P2-gen compiler warnings
IDS-7839	DAR-CORE-P2-geomv
IDS-7933	DAR-CORE-P2-ibis compiler warnings
IDS-7932	DAR-CORE-P2-label compiler warnings
IDS-8260	DAR-CORE-P2-nimscmm2 fails reading boom mask
IDS-7825	DAR-CORE-P2-shp2rast
IDS-8613	DAR-CORE-RTL fix/enable compression
IDS-7385	DAR-CORE-Transcoder PDS enhancements
IDS-8094	DAR-CORE-VicarIO-migrate_pds4_package
IDS-7830	DAR-CORE-gamma improve write performance
IDS-7392	DAR-CORE-gamma input_product_id and product_id labels
IDS-7310	DAR-CORE-gamma-fix_output_pixels_are_zeros_bug
IDS-8485	DAR-CORE-vicario_pds4writer_source_jars
IDS-7943	DAR-CORE-vicario_script_hashbang_fix
IDS-8587	DAR-CORE_add band extract to viccub
IDS-8376	DAR-CORE_increase number of units in RTL

IDS-7936	DAR-CORE_large memory allocation in mvec
IDS-8488	DAR-Transcoder_remove_units_when_value_is_UNK_NULL_NA
IDS-8223	DAR_CORE increase buffer size in maxmin
IDS-8458	NF-CORE Allow choice of vicar or PDS3 label input for dualie to PDS4 label
IDS-8406	NF-CORE Deliver PDS4 regression test scripts
IDS-8424	NF-CORE Update PDS4ImageReaderSpi to recognize newer PDS4 label.
IDS-8494	NF-CORE jpg and png images created from PDS4 .XML labels appear to have an incorrect offset into the image data
IDS-8164	NF-CORE-Label Addition of correlation overlap
IDS-8368	NF-CORE-Mavenize_pds4writer
IDS-8332	NF-CORE-Mavenize_vicario
IDS-7397	NF-CORE-P2 New app MEDVAL
IDS-7396	NF-CORE-P2 New app SDSEMS
IDS-8224	NF-CORE-P2 New program to put crosshair on an image
IDS-8337	NF-CORE-P2 Raise difpic parameter MAXBYTESPAR=>500000
IDS-7664	NF-CORE-P2 geomv needs floating-point support
IDS-8370	NF-CORE-P2-avgpix
IDS-8166	NF-CORE-P2-ficor77
IDS-8142	NF-CORE-P2-nimsr2iof
IDS-7965	NF-CORE-P2-shp2rast add nofill keyword
IDS-8013	NF-CORE-PDS4Writer updates for generate and PDS4writer move to new repo
IDS-8569	NF-CORE-Reachability to goodness program
IDS-8243	NF-CORE:Adding bicubic interpolator to subroutine gruen headers
IDS-8242	NF-CORE:Adding bicubic interpolator to subroutine gruen
IDS-8425	NF-CORE_Label changes for IDS-8420
IDS-8622	NF-CORE_RTL compression fix and zvslabel()
IDS-8623	NF-CORE_comprs program