

CyFlex® Release Notes

Release Version 7.0.31 and 7.1.14b

Developed by TRP Laboratories

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Overview

This release notes document identifies and describes the updates for CyFlex version 7.0.31 and 7.1.14b. The following link contains Jira issues within this release: CyFlex.7.0.31 and CyFlex 7.1.14b - Jira Issues

Refer to *Installation Notes* below for install-related considerations.

Installation Notes

To install the 7.0.31 or 7.1.14b cyflex version, follow the instructions below:

1) Install rpm for 7.0.31

Execute: sudo yum clean all

Non-Cummins site: sudo yum install cyflex.7.0.31

Cummins site: sudo yum install cummins-cyflex.7.0.31

OR

1) Install rpm for 7.1.14b

Execute: sudo yum clean all

Non-Cummins site: sudo yum install cyflex.7.1.14b

Cummins site: sudo yum install cummins-cyflex.7.1.14b

To revert to a previous version assuming it was not removed manually, follow the instructions below:

1) Execute: slay_stuff

2) Execute: sudo unlink /cyflex

3) Execute: sudo ln -s /cyflex.<version number> /cyflex

4) Execute: sudo /sbin/ldconfig

Deprecated Applications: xtr1 xtrs xtr_labels ext_labels xpandmem xpand

Issue Type and Jira Issue Legends

Refer to the following legend for **Issue Type**:

Issue Type Key	Definition
NF	New feature
B	Bug
I	Improvement

X = denotes additional information about change within the **Related Jira Issue**.

General Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
gp_test libtestgp.so		B	CFBUG-3686	Have gp_test respawn the CyberColl task if it exits between nt calls
xtr1 xtrs xtr_labels ext_labels xpandmem xpand	Y	I	CFBUG-3727	Deprecated

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
asam3cli asam3_initvar libasset.so		B	CFBUG-3728	Fixed crash related to creation of new variables
evnt_adm libevent_adm.so		B	CFBUG-3729	Fixed problem caused by uninitialized memory
eng_specs		B	CFBUG-3730	7.1.14b exclusive: Some variables required were not added to lookup table
cvar		I	CFBUG-3731	Modification to prevent core dump if all required arguments have not been specified - Modification to not set default variable value since the initial value argument is required
floger hogger		I	CFBUG-3732	Modification to handle the exist= command line option properly
error_mgr		B	CFBUG-3733	error manager will now properly remove older entries
cf_scales		B	CFBUG-3734	changed cf_scales to only check for loop periodically
rtsched		B	CFBUG-3735	Modification to ensure a process id is specified after the -P argument to prevent the program from core dumping - add exits to the program after the usage is printed out from errors
gp_test		B	CFBUG-3736	Fixed problem where mode termination description in the trace file no longer is getting truncated for AUXILIARY_TASK
libasset.so test_global_cfg		B	CFBUG-3737	Fix issue with global reconfiguration causing some applications to core dump
snode_link small_sm libasset.so snl_test		B	CFBUG-3738	7.1.14b exclusive: Fixed issue with SHARED_MEMORY data structure changes required creating SHARED_MEM_FEB06 data structure for use in send and getting remove values.

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
eng_specs		B	CFBUG-3739	Fixed eng_specs not handling specific parameters on eng_specs re-runs.
darts_datapoint		B	CFBUG-3740	bypass old config for new global reconfig call
asam3_specs		B	CFBUG-3742	Made sure cyflex variable has enough slots in the name for index values
subsonic		B	CFBUG-3743	Modification to ensure cyflex variables exist before calculations are performed for subsonic calculated variables
specs.def files		I	CFBUG-3744	Added grammar parser shebangs
floger libloggershared.so		B	CFBUG-3746	Adjusted floger to handle FIFO_LOG_BUFFER correctly
error_mgr		B	CFBUG-3749	error database will now close on slay_stuff
RPM script		B	CFBUG-3750	When installing new version of cyflex, the database will backup
alias_labels set_alias		B	CFBUG-3751	Fails to check/respond to label already existing
gmodbus gmodbus_child		B	CFBUG-3752	Fixed buffer overflow
asam3_cli		B	CFBUG-3754	Removed simulation code from asam3_cli for new format on faults
Errors code file		I	CFBUG-3756	Added error code block for cyflex grammar parsers
u_gains user_ctrl_task		I	CFBUG-3757	user_ctrl_task will now not check for gain inversion but u_gains will

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
darts_datapoint stat_child libstat.so		I	CFBUG-3759	Increased number of AVER vars for datapoint from 1132 to 2132
gp_test stability		B	CFBUG-3761	stability checks for null expression and unit conversion
ra_specs.def		B	CFBUG-3762	Removed references to format 2
ao_specs		B	CFBUG-3763	ao_specs will not over-write units and precision of existing variables
compvar		B	CFBUG-3764	Compvar no longer has a delay when an expression fails
liblog_error.so		B	CFBUG-3765	Removed limit of log_error for std_out to 160 to 240
slay_stuff		B	CFBUG-3766	Removed handling of save_status in order for the program to properly be slayed by the child_adm progam and not get killed in the middle of a file write
darts_datapoint		B	CFBUG-3767	Will correctly use default arg when there is no argument specified
ao_specs		B	CFBUG-3768	Always send the spec owner to ao_transfer
gp_test vrbl_to_file		B	CFBUG-3769	vrbl_to_file will now wait for a string variable with file name to be not null

QT Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
tcal_util tcal_util_17025		B	CFBUG-3741	The Help drop down has been removed

Transient Emission Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
subsonic		B	CFBUG-3743	Modification to ensure cyflex variables exist before calculations are performed for subsonic calculated variables
star2_7.b09		B	CFBUG-3745	Modification to add an optional offset argument that will be used to overwrite the default value of 1 for the first item within the *7 section
mk_ecm_files12		B	CFBUG-3755	Corrected @ASAM3_DISPLAY_FORMAT keyword name and value in the next line to remove the double quotes around the display format
tca.10c		B	CFBUG-3760	Modification to get the specified calibration table generated if NONE is specified for the cvs_specs.dat file for systems that do not run WOT points

Weighroom Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
wtrm_sessionRpt		B	CFBUG-3748	Modification to show MISSING DATA within the Test Interval check section of the session report when the Test End Time cannot be calculated

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
wtrm_barcode_qt		I	CFBUG-3753	Modification to add a check to see if a FILTER_ID already exists within the BARCODE table during the LOAD process for a puck and filter

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