CyFlex® Release Notes

Release Version 6.2.22

Developed by SGS North America, Inc.

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Overview

This release notes document identifies and describes the updates for CyFlex version 6.2.22.

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

Installation Notes

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qtstripchart – CFBUG-2362

In CyFlex.6.2.x versions, the Qt4 libraries are not optimized which causes qtstripchart to take longer to start. In turn, qtstripchart consumes a large amount of CPU. Improvements have been made to the qtstripchart which speed up the loading process, but still will have some CPU issues but that will last a shorter amount of time. The comments in ~~CCS-1600~~ should still be adhered to. This will help prevent major issues from occurring.

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tranMove – CFBUG-2366

If using the @ALTERNATE keyword within the transfer_specs file, the @ALTERNATE keyword must be specified before the @DESTINATION keyword.

.
@ALTERNATE
<node parameters>
@DESTINATION
<node parameters>
.

ExternalDataManager.jar – CFBUG-2360

To the Debug option, update the appropriate DARTS configuration file, typically something like /specs/extdatman.darts.datapoint.
Add the configuration
cyflex.extdatman.debug true

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ongadata – CFBUG-2321

2 new keywords have been added, @TIME_DATE and @DATE_TIME. Only one of these can be used at a time. These keywords

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are used when reading the onga file from the GC to determine which order data/time should be.

@TIME_DATE format is hh:mm:ss dd-mm-yyyy ex: 08:43:16 01/09/2020
@DATE_TIME format is dd-mm-yyyy hh:mm:ss ex: 01/09/2020 08:43:16

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table_report - CFBUG-1496

Occasionally, the "exceptions" table_report output shows an extreme change which seems unreasonable. This is often due to a problem with units or with the PM staff not noting a sensor change. This is difficult to diagnose without looking at the *.save archive file. To aid in this diagnosis, a report has been added for showing the calibration history over the report interval (usually 6 months) in a more readable form. The summaries are produced for each channel that is encountered except the channels that are in violation have a slightly different name and are emailed to the "q5" email alias.

<table_name>.summary   = in compliance
<table_name>.cal_hst   = out of compliance

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 **Jira Issue Number**.

General Applications

Application, Script, or Library	Jira Issue Number	Issue Type	Description
tranMove 6.2.1	CFBUG-2366	NF	Added a feature for tranMove to transfer files to an alternate node if the default destination fails to receive - @ALTERNATE For locations with a primary and alternate central server, the @ALTERNATE keyword allows the tranMove program to switch transferring files from the default destination location to the alternate location after failing to transfer a file 5 times
eng_specs 6.2.2	CFBUG-2351	I	Enable the capability for processing the primary_contact value in the engine_specs file
gp_test 6.2.11	CFBUG-2349	B	Problem fixed with gp_test hanging up in an "Immediate" loop when FUEL_READING_MEM is reconfigured
cmds/verify_testcell_config.sh	CFBUG-2346	B	Correct problem in verify_testcell_config.sh pertaining to determining if the Counter Timer Module is installed
limit_rpt 6.2.2	CFBUG-2323	B	Fixed problem where units were not reported properly for statistical, composition, property, and emissions variables
table_report 6.2.0 cmds/cal_rpts cmds/send_summaries	CFBUG-1486	I	Produce "summaries" of the cal history of channels which violate tolerance specifications Add email of report summaries for exception channels detected by the "table_report" program Generate reports summarizing the calibration history in a readable form. Email them to the "q5' alias

Central Server Applications

Application, Script, or Library	Jira Issue Number	Issue Type	Description
ongadata 6.2.5	CFBUG-2321	B	ongadata has a new keyword to specify the ordering of data/time on the file

Java Applications

Application, Script, or Library	Jira Issue Number	Issue Type	Description
ExternalDataManager.jar 6.2.5	CFBUG-2360	I	Add a debug option to DARTS data loading to help in resolving DARTS transfer issues.
cmds/specfilegui	CFBUG-2340	I	Add command line activation for dsply_specs Just entering "specfilegui" displays the list of spec files it supports. This list now includes "dsply_specs". Entering "specfilegui dsply_specs FILE" will bring a dsply_specs FILE up in the display

QT Applications

Application, Script, or Library	Jira Issue Number	Issue Type	Description
libstripchart_plot_config_dialog.so.6.2.0 6.2.1 libplot_spreadsheet_plugin.so.6.2.0 6.2.1 libcyflexplugin.so.6.2.0 6.2.7	CFBUG-2362	B	qtstripchart processing time has been sped up

Weighroom Applications

Application, Script, or Library	Jira Issue Number	Issue Type	Description
wtrm_qt 6.2.6	CFBUG-2367	I	Create argument flag to determine if in debug mode