SGS CyFlex™
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CyFlex® 6.2.14
Release Notes

Overview

This release notes document identifies and describes the updates for CyFlex version 6.2.14.

The following application types are included for this release.

- General Applications

- Central Server Applications

- Java Applications

- Qt Applications

- Weighroom Applications

- Abatement Applications

Refer to the sections below for the specific application, script or library updated for this release

Installation Notes

- **cmds/tcal**

This script file was added to CyFlex for a user to open N instances of tcal_util at the same time.

To execute the script:

tcal   N

where **N** is the number of tcal_util instances to start. If N is not specified, one instance of tcal_util will be opened.

Example:

tcal 4

The above would open 4 instances of tcal_util.

- **datapoint – RELEASE CANDIDATE**

The "datapoint" task will now create 2 integer variables: "datapointTotal" and "datapointErrors". The "datapointTotal" variable will track the number of variables configured in a pam spec file(s). The "datapointErrors" variable will track the number of errors in a pam/datapoint spec file(s). Duplicate cyflex variables and duplicate PAM keywords will be included within the error count.

- **floger – RELEASE CANDIDATE**

   NOTE: Changes made to the floger program also affected the dlogger and libloggershared.so.6.2.0 files. If the release candidate of floger is installed, the release candidate for dlogger and libloggershared.so.6.2.0 <u>MUST</u> be installed also.

Each instance of the "floger" task will now create 2 integer variables using the spec file name with special characters removed pre-pended to "Errors" and "Total". For example, the instance of floger started with the /specs/logr_specs.305 file will create "logrspecs305Total" and "logrspecs305Errors". These variables will track the number of variables configured in a floger spec file and track the number of errors in a floger spec file, contain counts of the number of variables specified to get logged and the number of variables specified to get logged that contained errors for that instance.

- **msu.jar and ExternalDataManager.jar - RELEASE CANDIDATES**

When executing a "showverlist -p" from the command line after a syncver, the available release candidate files list does not list the msu.jar or ExternalDataManager.jar files. To install the release candidates of these files, the following steps should be taken:

- slay_stuff
- cd   /cyflex/specfilegui
- mv   msu.jar   msu.jar.ORIG
- mv   ExternalDataManager.jar   ExternalDataManager.jar.ORIG
- cd /cyflex/prerelease/specfilegui
- cp   msu.jar   /cyflex/specfilegui
- cp   ExternalDataManager.jar   /cyflex/specfilegui
- go

General Applications

Issue type key: **NF** = New Feature   **B** = Bug   **I** = Improvement

Application, Script or Library	Issue Type	Issue Number	Description
channel.dat parameter.dat units.dat	I	1727	new *.dat files - 03/16/18 channel.dat - C_GROUP_BY_DATE added parameter.dat - GROUP_BY_DATE added units.dat - date/time stamps changed no changes were made to the browse.dat and computed.dat files
cmds/tcal	NF	1722	The **tcal** script file was created to launch multiple instances of tcal_util at the same time.
datapoint RC-6.2.4	I	1717	Modifications were made to datapoint to increment error count if errors were due to pam_specs file, incorrect CyFlex labels, wrong units, incorrect keyword and duplicated keywords
dlogger RC-6.2.3 floger RC-6.2.3 libloggershared.so.6.2.0 RC-6.2.2	I	1716	Modifications were made to keep track of error count and total variables created from the floger spec file. The total and error count variable names are made up of the spec file used when starting the floger task – with special characters removed. For instance, if /specs/logr_specs.305 is used to start floger, the total variable created will be logrspecs305Total and the error count variable will be logrspecsErrors.
channel.dat parameter.dat units.dat	I	1712	new *.dat files - 03/05/18 The following channels were added to the channel.dat file: ECM_CBR_PILOT1_SOI ECM_CBR_POST2_FUEL_QUANTITY_FINAL ECM_CBR_POST2_SOI ECM_H_FSI_Q_DISPLAYQUANTITY_0 ECM_H_FSI_Q_DISPLAYQUANTITY_4 ECM_H_TRP_Q_INJECTEDFUEL ECM_T_ABT_USER_SELECTED_ACCTR_CTRL PEAK_HOLD_CYL_P

Application, Script or Library	Issue Type	Issue Number	Description
			PNS_SVF_WET_MEA PNS_SVF_WET_MEA_A PNS_SV_WET PNS_SV_WET_A
dc_GenSync 6.2.2	I	1711	Added StartWithSpace keyword in the GenSync spec file If you need a space at the start of the message you are sending, you can now use the <$StartWithSpace> keyword. Just specify this in your spec file followed by a new line with true and you will have this setting turned on. $StartWithSPace TRUE
pnp 6.2.1	B	1710	pnp will no longer segfault on a core dump
fw_coll 6.2.1	B	1702	Using %% (double percent symbols) did not work properly in @WRITE_VALUES or gp_test gp_test and evnt_rsp are also affected, because they send messages to fw_coll, but the only change required is in fw_coll which does the writing to files
asam3cli 6.2.1	B	1694	fixed typo in log_error message for asam3cli

Central Server Applications

Application, Script or Library	Issue Type	Issue Number	Description
pamResend 6.2.1	I	1714	Delete pam.*, pre.* and mua.* files from hold directory if something other than header, datapoint or mua_data is specified for the pam_dir_type argument

Java Applications

Application, Script or Library	Issue Type	Issue Number	Description
/cyflex/specfilegui/msu.jar RC-6.2.2	I	1706	Maximo data files aren't loading due to changes in the meaning of 2 fields in the data file Maximo was updated and MSU needs to be updated quickly so that work orders may continue to be submitted.
/cyflex/specfilegui/ExternalDataManager.jar RC-6.2.2	B	1705	DARTS Data Transfer Hanging Up On Response File The original JIRA issue has suggested work-arounds until this fix is installed.

Qt Applications

Application, Script or Library	Issue Type	Issue Number	Description
tcal_util 6.2.7	I	1721	Some metadata from previous ADJUSTED cals carried forward in the *.save file for AS_FOUND, VERIFICATION, and AFTER_SERVICE logs The entered Technician Name and QIE Numbers are saved in the .save file

Weighroom Applications

Application, Script or Library	Issue Type	Issue Number	Description
wtrm_qt 6.2.3	I	1731	Increased the maximum value for the Accepted Value text box within QC Artifact Info dialog to be 2000100 within wtrm_qt Changed value from 2000000 to 2000100

Application, Script or Library	Issue Type	Issue Number	Description
wtrm_qt	I	1728	Display a message box to the user when an error is returned from the scale_task due to instability
All weighroom applications	NF	1718	Add a tolerance check associated with each metal reference weight's calibrated value
All weighroom applications	I	1664	Implementation of MPS/APS/BPS data within UNIX file where all apply

Modification were made to the weighroom software and libraries to handle data getting sent to UNIX if MPS and/or APS and/or BPS filter_ids are used within the test |
| cyflex/cmds/wtrm_snd*Rpt | I | 1562 | modification to wtrm_snd*Rpt and wtrm_*Rpt files to clean up old files |

Abatement Applications

Application, Script or Library	Issue Type	Issue Number	Description
abate_ec_viewer 6.2.4	B	1725	Ensured that the severity flag for all resolved error codes is not set to CRITICAL
abate_mgr 6.2.5 abate_cal_viewer 6.2.4 abate_ec_viewer 6.2.4 abate_log_viewer 6.2.4	I	1713	Add functionality to edit CriticalNE2, CriticalEQ2 and Monitored flags for error codes in abatement applications