

Resolved issues in this release - 8.3.2

CAST AIP 8.3.2 contains all fixes from the following previous CAST AIP releases:

- 7.3.0 - 7.3.11
- 8.0.0 - 8.0.5
- 8.1.0 - 8.1.7
- 8.2.0 - 8.2.8
- 8.3.0 - 8.3.1

The following table lists all bugs fixed in **CAST AIP 8.3.2** and that are not already listed in the "**Bug Fix Lists**" of the above mentioned releases. There are **52** issues listed below. Note that the column "Internal ID" is used only as an internal reference ID.

Call ID	Technology	Component /s	Features	Situation	Symptoms	Internal ID
10045		CMS Snapshot /Analysis - Run Metrics Calculation		When comparing the log of an Oracle Forms analysis step and the log from the Oracle Forms Metrics Assistant calculation step.	There are more syntax errors in the Oracle Forms Metrics Assistant log (which are due to simple 'Select', 'Update' or 'CREATE OR REPLACE FUNCTION' statements) than there are in the Oracle Forms analysis log.	SCRAIP-30735
10062		Delivery Manager Tool		When using the CAST Delivery Manager Tool GUI.	Some labels and options are poorly labelled.	SCRAIP-30736
10146		CMS Snapshot /Analysis		When attempting to a run a JEE analysis.	The analysis crashes with the error "Unexternalized exception - Message is 'access violation'."	SCRAIP-30733
10217		CMS Snapshot /Analysis - Run Analyzer		When an analysis is cancelled during the "run metric calculation" step and the analysis is then re-run again with the option "Continue last analysis".	The subsequent analysis will skip the analysis that has already been completed, but it does not re-run the "run metric calculation" step (it should).	SCRAIP-30730
10223		CMS Snapshot /Analysis		When looking at the results of a JEE analysis including JSF taglib mapping files.	JSF taglib mapping files are ignored, thus links are not created between *.html files.	SCRAIP-30732
10271		CMS Snapshot /Analysis - Run Analyzer		Attempting to run an ABAP analysis.	The analysis fails with the error: SQL Error: ERROR: duplicate key value violates unique constraint "pk_objdsc".	SCRAIP-30727
10287		CMS Application - Reference Pattern Search String		When attempting to run a UA analysis including a Reference Pattern search string.	The Reference Pattern search string step takes a very long time to complete.	SCRAIP-30729
10294		CMS Snapshot /Analysis - Run Analyzer		When attempting to run a JEE analysis.	The analysis fails with the error "Unable to process JEE analysis, error in project 'xxx'."	SCRAIP-30728
10296		Health Dashboard		When attempting to run a CAST Health Dashboard consolidation using the CLI.	The process fails with the message "org.postgresql.util.PSQLException: ERROR: integer out of range".	SCRAIP-30723
10297		CMS Snapshot /Analysis - Compute Snapshot		When attempting to generate a snapshot that has previously completed successfully.	The snapshot now gets stuck on the procedure "ADGV_UPDATE_ANY_COST_STATUSES".	SCRAIP-30726
10302		Dataflow		When running a .NET analysis.	The Dataflow (User Input Security) step is taking a very long time to complete.	SCRAIP-30722
10308		CMS Snapshot /Analysis		When attempting to run a JEE analysis.	The analysis fails with the error "Unable to process JEE analysis, error in project 'xxx'."	SCRAIP-30725
10313		Health Dashboard		When attempting to configure a "customexpression" tile in the CAST Health Dashboard.	The tile functions but the title and description are merged together.	SCRAIP-30724
10367		CMS Snapshot /Analysis		When looking at the results of a JEE analysis which includes JSP files.	Some JavaScript methods, variables and HTML events defined in the JSP file are duplicated, therefore increasing the number of dynamic links.	SCRAIP-30731
10412		Analysis Manager - Update CAST Knowledge Base		When attempting to generate a snapshot.	The snapshot generation process fails with the following errors in the CAST-MS log - relation inkb_dia_expensivepath - column "source_id" - relation "inkb_dataflowscope does not exist	SCRAIP-30721

10594; 10595		CMS Snapshot /Analysis - Run Copy Paste Metrics Calculation		When looking at the results of the Quality Rules "Avoid Artifacts with high Commented-out Code Lines/Code Lines ratio" and "Avoid Too Many Copy Pasted Artifacts" for versions Vn and Vn+1.	Violation counts for these Quality Rules are inconsistent even though the source code has not changed between versions Vn and Vn+1.	SCRAIP-29524
10638		CMS Snapshot /Analysis		When looking at the log for a JEE analysis.	The log contains many warning messages in the form "class 'xxx' is not visible - one dependency is missing" which have no impact on results and cannot be rectified. The warnings should be removed.	SCRAIP-30720
10687		Enlighten		When using CAST Enlighten.	CAST Enlighten crashes while attempting to load a blank view during initial connection to the RDBMS.	SCRAIP-30719
10958		Health Dashboard		When looking at the tile "Top 5 Critical Rules" in the CAST Health Dashboard.	The Quality Rules in the tile do not appear to be ordered by Number of failed checks, as expected.	SCRAIP-30718
11005		Health Dashboard		When comparing the number of deleted Transactions in the legacy CAST Engineering Dashboard and in the Health Dashboard with those listed in the CAST Transaction Configuration Center.	The transaction is shown as "deleted" in the legacy CAST Engineering Dashboard and in the CAST Health Dashboard whereas the transaction is not visible at all under the Evolution node in the CAST Transaction Configuration Center (the TCC reports the correct information).	SCRAIP-30488
11195		CMS Application - Reference Pattern Search String		When editing a Reference Pattern and using the options "Check RegExp. on file" and "Check RegExp. on directory".	The options do not function.	SCRAIP-30508
11200		CMS Snapshot /Analysis - Synchronize Services		When comparing the results of a post upgrade snapshot when upgrading from CAST AIP 8.0.x to CAST AIP 8.3.x.	The comparison shows that there is a significant decrease in the number of errors and therefore the number of lines of code.	SCRAIP-30497
11257		REST API		When attempting to start the CAST Analysis Automation API.	The API does not start as a service or manually if the path contains a special character.	SCRAIP-30764
11326		Delivery Manager Tool		When packaging a Java application along with an HTTP Maven Repository.	An issue occurs during the discover steps in the remediation loop. The issue occurs when discovering the file portlet-api-2.0.pom and the following message is logged: cast.dmt.discover.jee.maven.project.parseError Error parsing Maven project 'javax/portlet/portlet-api/2.0! Verify the corresponding file. If the file is good, please raise a ticket.	SCRAIP-30648
11340		CMS Snapshot /Analysis		When attempting to run an analysis on one single .NET Analysis Unit.	The analysis fails with this error: Internal exception occurred during processing listener ManageDmtProjectAction::Process on instance CAST_DotNet_Job_NewAnalyze #2 : unknown exception	SCRAIP-30654
11370		CMS Application		When using the CAST Delivery Manager Tool and attempting to create a new version.	The following error occurs: ERROR: cast.utilities.consoleHandlerGenericLogError - Internal error occurred when creating New version	SCRAIP-30673
11451		CMS Snapshot /Analysis - Run Analyzer		When looking at the results of a .NET analysis.	Web files (".asa", ".asp", ".htm", ".html", ".htc", ".js", ".vbs", ".css") are still being saved as empty objects with LOC = 0. They should not be saved at all.	SCRAIP-30787
11474		CMS Snapshot /Analysis		When querying the CDT_OBJECTS table in the CAST System Views.	The object "Nested Cobol Program" (type ID 142072) is not present.	SCRAIP-30811
11477		CMS Snapshot /Analysis		When attempting to analyze a JEE application.	The analysis fails at the "compare" step with the following message: "ERROR: more than one row returned by a subquery used as an expression".	SCRAIP-30812
11484		Application Engineering Dashboard (AED)		When drilling down from the Risk Model tile and clicking on a Technical Criteria.	The Quality Rules never display.	SCRAIP-30826
11507		CMS Snapshot /Analysis - Run Analyzer		When comparing the analysis run times for a Mainframe application.	The run time has increased in CAST AIP 8.3.1 compared to CAST AIP 8.0.x.	SCRAIP-30841
11528; 11679		CMS Snapshot /Analysis		When comparing the copy/paste metrics calculation time between CAST AIP 8.3.0 and 8.3.1.	In CAST AIP 8.3.1, the calculation time has significantly increased and results were largely incorrect.	SCRAIP-30859
11707		CMS Snapshot /Analysis - Run Analyzer		When looking at the results of a .NET analysis after performing an upgrade to CAST AIP 8.3.x.	The Quality Rule "Declare as static all Methods not using Instance Members" 7270, is showing new violations for C# constructors even though the object status is "unchanged" (i.e. the source code has not changed).	SCRAIP-31085

7935		CMS Snapshot /Analysis - Run Analyzer		When looking at the log for a PowerBuilder analysis.	There are several syntax warnings in the log. Some are legitimate and some are not and should be handled by the analyzer.	SCRAIP-30734
8915		CAST Management Studio (CMS)		When attempting to change the variable "CAST_CURRENT_USER_TEMP_PATH" in the CASTGlobalsettings.ini to alter the location in which the CAST-MSxx.log.txt file is stored.	Changing the variable does nothing and the CAST-MSxx.log.txt file is still stored in the default location.	SCRAIP-30752
8972		CAST Engineering Dashboard		When using the CAST Engineering Dashboard to view results of the Quality Rule "Use only Hibernate API to access to the database" - 7510.	The number of objects with violations is more than the number of failed checks.	SCRAIP-30751
8993		Health Dashboard		When looking at the Health Dashboard: Application Fast Facts tile.	The tiles show inconsistent data and is not being updated when a time period is selected.	SCRAIP-30750
9094		CAST Update Tool (CUT)		When looking at the DSS_HISTORY table post-upgrade.	The DSS_HISTORY table is showing previous CAST AIP release number post upgrade. It should show the new CAST AIP release number.	SCRAIP-30749
9295				When attempting to install and run the CAST Analysis Automation API as a Windows Service.	The installation fails because the batch files provided contain errors with regard to quote marks in file paths.	SCRAIP-30748
9433; 9832		CAST Engineering Dashboard		When attempting to view TWRI data in either the CAST Engineering Dashboard or in the CAST Application Engineering Dashboard.	The Transaction Level View in CED shows nothing, nor does the Transaction Investigation View in AED.	SCRAIP-30747
9522		CMS Snapshot /Analysis		When using the Text Replacement feature with the JEE Analyzer to correctly resolve some relative paths that are used in the source code.	Even with Text Replacement, the expected links between JSP and JS files are still not found.	SCRAIP-30746
9532		CMS Snapshot /Analysis - Check Modules		When looking at the results of the Quality Rule "Variables defined in Working-Storage section must be initialized before to be read" (8034).	A false positive result has been seen for this Quality Rule when the variable is initialised by a READ statement before being used by a WRITE statement.	SCRAIP-30740
9565		CMS Snapshot /Analysis		When looking at the results of a JEE analysis.	No link is created from a JSP file that contains embedded Java code to the called Java methods.	SCRAIP-30745
9607		CMS Snapshot /Analysis - Run Analyzer		When attempting run a .NET analysis.	The analysis fails with the error "System.InvalidOperationException: Sequence contains more than one element".	SCRAIP-30744
9714		CMS Snapshot /Analysis		When looking at the results of a .NET /SQL Server analysis.	Links have been incorrectly created from the JavaScript client site method in the .NET project to various Microsoft SQL Server tables.	SCRAIP-30743
9778		CAST Engineering Dashboard		When looking at the results of the Quality Rule "Avoid String initialization with String object (created using the 'new' keyword)" - 7250.	A false positive violation is identified for the Quality Rule where the String isn't initialized with a literal.	SCRAIP-30737
9797		CMS Snapshot /Analysis		When looking at the results of a JEE analysis.	The logs show that not all .java files present in the delivered source code have been stored in the CAST Analysis Service schema, despite the fact that the files have been analyzed without error. Due to an issue saving files with the same name.	SCRAIP-30742
9972		Transaction Configuration Center (TCC)		When using the CAST Transaction Configuration Center to look at a transaction in two projects: the transaction is identical in both projects (a.jsp file) and both projects have been analyzed in one Application.	When one of the projects is dropped and a new snapshot is generated, two transactions incorrectly remain in the Analysis Service schema.	SCRAIP-30738
9977		CMS Snapshot /Analysis		When looking at the results of a Mainframe Cobol analysis and the source code uses a procedure parameter called JOB.	When the analyzer encounters a procedure parameter that is called "JOB" it incorrectly considers it as a JOB card. This results in multiple issues, including incorrect Line of Code count (truncated source code) and a Computed FP value for the Transaction Function (JCL) as '0'.	SCRAIP-30739
9985		CMS Snapshot /Analysis		When looking at the results of a JEE analysis.	Some hbm.xml files have their full path incorrectly set to a location in the LTSA folder, rather than in the source code deployment folder.	SCRAIP-30741
		Delivery Manager Tool - Projects Discovery		When attempting to run a JEE analysis that includes a pom.xml file.	The analysis fails because the pom.xml file is empty, however the error message provided does not explain this and simply states that the analysis has failed.	SCRAIP-29914