Resolved issues - 8.2.5

CAST AIP 8.2.5 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 - 8.1.4
- 8.2.0 - 8.2.4

The following table lists all bugs fixed in **CAST AIP 8.2.5** 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
6986	.NET - C# . NET - VB.NET	CAST Engineering Dashboard		When looking at the results of a snapshot in the CAST Engineering Dashboard.	No. of Critical violations on the Assessment application level left panel is not the same as the no. of critical violations by Module. This is due to the use of a restored Dashboard Service schema (central) that is not consistent with the existing Management and Analysis Service schemas.	SCRAIP-26326
7436	N/A	CAST Engineering Dashboard		When searching the CAST Engineering Dashboard for the term "union".	An internal Module entitled "___% union content___" is displayed in the search results. This should not be visible.	SCRAIP-26320
7466		CMS Snapshot /Analysis		When looking at the results of the analysis of an Application containing Oracle Forms and Oracle PL/SQL source code.	There is a missing escalated link between an Oracle Forms Form object and an Oracle PL/SQL Package.	SCRAIP-26325
7529	N/A	Delivery Manager Tool		When using the CAST Delivery Manager Tool (DMT) to package source code.	The Log Summary section in the Package Content tab does not display any warnings despite the fact that the detailed log contains packaging warnings.	SCRAIP-26324
7547; 7587	JEE - Java	Transaction Configuration Center (TCC)		When using the CAST Transaction Configuration Center (TCC).	An error ("Internal error while loading data functions") is displayed when using the "Compute function points and load results" option.	SCRAIP-26323
7550	N/A	Analysis Manager - Analyzer		When looking at the log files generated by any tool (SQL Tool, Update Kb, Update CSV etc.) configured in the "Tools after analysis" section in the Content Enrichment tab of an Application in the CAST Management Studio.	All tools generate their own log file, however they are all named the same. The result is that if more than one tool is configured per Application, the last one to run will overwrite the log file for the previous tool.	SCRAIP-26322
7568; 7740	JEE - Java	Delivery Manager Tool		When using the CAST Delivery Manager Tool (DMT) to package source code and the initial package action returns "Missing project alerts" under "Package Content">>"Packaging Alert">>" Missing project".	Remediation items were added for all "Missing Projects" by selecting the proper jar, however, in the tab "Package configuration" the remediations are not displayed: all are empty.	SCRAIP-26321
7729		CMS Snapshot /Analysis - Compute Snapshot		When attempting to run a snapshot when the Dashboard Service schema is hosted on an Oracle Server.	The following error appears in the log: SQL error (Central): ORA-01406: fetched column value was truncated (sev 1, MsgNo 1406)	SCRAIP-26313
7878	JEE - Web Services	CMS Snapshot /Analysis		When using the Spring MVC extension to analyze a JEE Application containing the Spring MVC framework and then examining the results of an analysis.	When looking at the results, it appears that major XML confuguration files (such as webmvc-config.xml and webflow-config.xml) are ignored during the analysis.	SCRAIP-26319
7901	JEE - Java	CMS Snapshot /Analysis		When looking at the results of a JEE analysis including JPA Named Queries.	When multiple JPA Named Queries have been defined, only the first one gets identified during the analysis and the others are ignored. As a result, JPA Named Query objects are missing in the results - a corresponding entry ("Unable to resolve java file from which an annotation triggered the creation of jpa named query") is displayed in the log file. Links to database objects are also missing.	SCRAIP-26318
7924	N/A	CAST Engineering Dashboard		When using the CAST Engineering Dashboard "Risk Indicators - Transaction Level" view.	The view never shows any items.	SCRAIP-26317
7978	N/A	Delivery Manager Tool - Projects Discovery		When using the CAST Delivery Manager Tool (DMT) to package a Maven based JEE application.	The packaging action crashes after 10 hrs or more with the error - "java.lang.OutOfMemoryError:GC overhead limit exceeded". This is due to a pom.xml that has the same <artifactId> as the parent pom.xml defined within the child. This causes an infinite loop during the packaging action.	SCRAIP-26316

7987, 7996	Oracle Forms Oracle Reports	CMS Snapshot /Analysis		When looking at the results of the analysis of an Application containing Oracle Forms and Oracle PL/SQL source code.	There are missing escalated links between Oracle Forms objects and Oracle PL/SQL objects.	SCRAIP-26315
8140	N/A	CMS Analysis Unit		When looking at the results of the "Set as current version" action in the CAST Management Studio.	Duplicate Analysis Units are created.	SCRAIP-24114
8155; 8178	N/A	CMS Analysis Unit		When setting a delivery as the current version in the CAST Management Studio and choosing to change the Deploy path.	The Analysis Units resulting from the "set as current version" action do not use the new updated Deploy path and instead display the existing Deploy path.	SCRAIP-24151
8159		CMS Snapshot /Analysis		When generating a snapshot.	The step "Run Consolidation" takes a very long time to complete.	SCRAIP-26314
8533	Mainframe - Cobol	CMS Snapshot /Analysis		When comparing the results of a Vn and Vn+1 Mainframe (Cobol) Application analysis.	Results are inconsistent between the two versions of the Application with regard to dynamic links generated by the Inference Engine (some links are missing).	SCRAIP-26312
8625	N/A	Transaction Configuration Center (TCC)		When looking at the results of a snapshot.	There is a discrepancy between the "DSSEngine" log and the CAST Transaction Configuration Center GUI with regard to empty transactions. The DSSEngine log states there are no empty transactions, whereas the GUI contradicts this showing some empty transactions.	SCRAIP-25541
8684; 9298	JEE - EJB	CMS Snapshot /Analysis		When looking at the results of a JEE/EJB analysis.	A fireLink is missing between the "reject" method of the remote interface and its implementation in the bean class.	SCRAIP-25294
8776	JEE - Java	CMS Snapshot /Analysis - Run Analyzer		When attempting to run a JEE analysis.	The analysis is crashing with error "Unable to process JEE analysis", caused by one Analysis Unit.	SCRAIP-25445
8831	JEE - Java	CMS Snapshot /Analysis - Run Analyzer		When attempting to analyze a large JEE application.	Analysis take a long time and then crashes. It takes too long because many JAR files were added to the user classpath and these JARs themselves contain a large number of XML files.	SCRAIP-25616
8858	.NET - VB.NET	CMS Snapshot /Analysis		When looking at the results of a VB.NET analysis.	There is no AccessExecute (Ae) link between caller VB. NET method to implementation of abstract method.	SCRAIP-25699
8869	JEE - Java	CMS Snapshot /Analysis		When looking at the results of a JEE analysis that includes Struts framework source code.	Links from JSP files to Struts Action Mappings are absent if a sub-class of ActionServlet is used as servlet class in the web.xml	SCRAIP-25716
8894		Application Analytics Dashboard (AAD)		When attempting to start up the AAD web application it sometimes fails with an error message.	The error message contains a spelling mistake.	SCRAIP-25877
8897	JEE - Java	CMS Snapshot /Analysis		When attempting to run a snapshot containing JEE code.	The function "dss_update_any_module_links" is taking 6-7 hours to complete, where as this was once was completed in 10-20 seconds.	SCRAIP-25774
8925	N/A	CAST Engineering Dashboard		When looking at the results of an analysis, in particular the Quality Rule "Avoid directly instantiating a Class used as a managed bean" 7964.	The quality rule "Avoid directly instantiating a Class used as a managed bean" shows more violations than the total number of checked objects.	SCRAIP-25831
8931	JEE - Java	CMS Snapshot /Analysis		When attempting to run a snapshot.	Snapshot fails with ORA-01422: exact fetch returns more than requested number of rows ORA-06512.	SCRAIP-25867
8942	JEE - EJB JEE - Java JEE - JDO JEE - JSP JEE - Web Services	Delivery Manager Tool - Projects Discovery		Discover and package an eclipse project JEE application with class folder defined in the .classpath file referencing a jar file.	There are many alert "Missing library files alerts for class folder".	SCRAIP-26673
9004	N/A	CMS Infrastructure /Services - Review Dynamic Links		When looking at the code of an object in the CAST AIP code viewer (e.g. in Enlighten or in the Dynamic Link Manager.	The code viewer incorrectly displays valid code as comments (green highlighting).	SCRAIP-26044
9005	N/A	CMS Infrastructure /Services - Review Dynamic Links		Dynamic links have been reviewed using the Dynamic Link Manager (DLM). An upgrade to a new release of CAST AIP is then performed.	The previously reviewed dynamic links are now showing as unreviewed after the upgrade.	SCRAIP-26036
9019	JEE - Java	Delivery Manager Tool		Discover and package a maven J2EE application with an incorrect project path in the pom. xml.	There are several alerts under the package content tab - "Missing Maven Projects" for sub maven project.	SCRAIP-26670

9040	JEE - JSP	CMS Snapshot /Analysis		When comparing the results of an analysis in 7.3.x and the same analysis in 8.2.x.	In 8.2.x, a Use link between the a JSP file and a Struts action is missing.	SCRAIP-26087
9086	JEE - Java	Delivery Manager Tool - Projects Discovery		Discover and package a maven JEE project with version name based on a maven property. Example: <version>${log4j.version}</version>	No alert about missing variable on maven property.	SCRAIP-26672
9100	JEE - EJB JEE - Java JEE - JDO JEE - JSP JEE - Web Services	Delivery Manager Tool		When attempting to create a project filter rule in the CAST Delivery Manager Tool.	There are two project types, both labelled "Java EE".	SCRAIP-26293
9103	JEE - JSP	CMS Snapshot /Analysis		Upgraded from 7.3.x to 8.2.x.	A large number of new previewed dynamic links have appeared in the Dynamic Link Manager (DLM) post upgrade.	SCRAIP-26303
9124	JEE - Java	CMS Snapshot /Analysis		When looking at the results of a JEE analysis.	The analysis log contains the following message stating the web.xml file has been ignored: Analyzing configuration file 'S:\Sources\app\config\web.xml' ... file ignored Due to this, Servlet and Servlet Mapping objects are not created.	SCRAIP-26309
9144	Business Objects	CMS Snapshot /Analysis - Run Analyzer		Analyze a BO application	The analysis fails with warning in the log file: JOB_BO_ANALYZER #2 : access violation.	SCRAIP-26669
9152	JEE - Java	Delivery Manager Tool		When attempting to package a JEE project where the .project file contains references to projects as follows: <projects> <project>projectA</project> <project>projectB</project> <project>projectC</project> </projects>	In this situation we would expect missing project alerts at the end of the packaging action for the projects listed as dependencies. However there are none.	SCRAIP-26668
9157	SQL - PL/SQL	CMS Snapshot /Analysis		When attempting to run an analysis of PL/SQL code.	The analysis fails with the error "Unexternalized exception - Message is 'access violation'."	SCRAIP-25829
9203	N/A	CAST Engineering Dashboard		When looking at the results of the Quality Rule "Pages should use error handling page - 2232".	False violations are reported.	SCRAIP-26424
9233	Business Objects	CMS Snapshot /Analysis		When attempting to run a BusinessObjects analysis.	The analysis failed with warning JOB_BO_ANALYZER #2 : access violation	SCRAIP-26635
9238	N/A	Application Engineering Dashboard (AED)		When using the CAST Application Engineering Dashboard to view results of a snapshot.	The default "Application Components" tile does not load its contents.	SCRAIP-26695
9247	JEE - Java	Delivery Manager Tool		When attempting to package JEE /Maven source code.	The CAST Delivery Manager Tool is not able to replace recursive Maven variables with the correct path value during the packaging.	SCRAIP-26809
9266	JEE - JSP	CMS Snapshot /Analysis		When attempting to run a JEE analysis.	The analysis crashes with Error code -1073740791 displayed in the CAST Management Studio.	SCRAIP-26696
9297		Transaction Configuration Center (TCC)		When attempting to use the "compute function points and load results" option in the CAST Transaction Configuration Center.	The option takes far too long to complete.	SCRAIP-26779
9300	JEE - Java	CMS Snapshot /Analysis - Run Analyzer		When attempting to run a JEE analysis that includes Analysis Units that have been configured to exclude certain files from the analysis.	The analysis fails with the error "Unexternalized exception - access violation".	SCRAIP-26785
9365	JEE - Java	Delivery Manager Tool		When attempting to package a Maven based project using the pom.basedir variable with the CAST Delivery Manager Tool.	The project is discovered however the Java path is not defined in the corresponding Analysis Unit when the version is accepted in the CAST Management Studio.	SCRAIP-27158

	N/A	Transaction Configuration Center (TCC)		When using the CAST Transaction Configuration Center.	It is not possible to export for each snapshot for which AEP has been computed, details related to the AETP part, such as the total number of AETP split by object status, the number of enhanced objects taken in account split by status, and the Implementation points for these objects.	SCRAIP-25652
	N/A			Porting work	Porting work	SCRAIP-25653
	All Technologies			Missing installed CAIP version and HF information in analysis log	Missing installed CAIP version and HF information in analysis log	SCRAIP-26717
	.NET - C# .NET - VB.NET			When attempting to run a .NET analysis and when using one of the .NET framework extensions (WPF/WCF/Entity/Silverlight).	The following message is listed in the log file: Extension com.castsoftware.<extension_name> has encountered an issue.	SCRAIP-26918
	N/A			Porting work	Porting work	SCRAIP-27058