

1.24

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Note that CAST highly recommends updating to the new release of AIP Console to take advantage of new features and bug fixes. See [Upgrade process](#) for more information about this.

1.24.4-funcrel

Other Updates

Internal Id	Details
WEBI-11150	Back port the "Job History Strategy" settings under "Global Configurations" introduced in AIP Console 1.26.

Resolved Issues

Customer Ticket Id	Details
32352	Fixes an "AccessDeniedException" error seen while attempting to backup an Application.

1.24.3-funcrel

Resolved Issues

Customer Ticket Id	Details
30503	A "session expired" popup appears when user clicks on "Extensions" or "Function Points" icon in the left panel for an application.

1.24.2-funcrel

Resolved Issues

Customer Ticket Id	Details
30798	Rescan fails with an error, "path not matching" although there is not change in the source code.

1.24.1-funcrel

Resolved Issues

Customer Ticket Id	Details
30257	WPF extension is not getting updated to latest version.
30384	While adding a version in Console for PL1 source code, the missing path popup is displayed even when there is no change in the source code between the versions.
30034	Maven repo with system proxy does not work. The following error occurs: "Exception while executing a Groovy script. For input string: "8,080" Return value: 1000".
29795	AIP Console 1.24 installed on a Linux server is crashing during start-up when SAML authorization is enabled.

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New Features

Summary	Details
GUI - Schema and delivery folder upgrade	It is now possible to perform a schema and delivery folder upgrade to a newer release of AIP Core directly from within the AIP Console GUI. When an application is eligible for a schema upgrade - in other words, the AIP Core release used for the Application is older than the AIP Core release installed on the AIP Node, AIP Console will detect this and display an icon in the list of Applications in the Admin Center. An option to upgrade is also made available. If an Admin user attempts to perform an action on the Application (such as run analysis/snapshot) a message is also displayed explaining the situation and offering the opportunity to upgrade. See https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center+-+Applications and https://doc.castsoftware.com/display/AIPCONSOLE/Application+and+schema+upgrade+using+AIP+Console .
Technical - Persistence database auto backup	The h2 persistence databases used by both AIP Console (front-end) and all AIP Nodes is now automatically backed up every night. See https://doc.castsoftware.com/display/AIPCONSOLE/Configuring+persistence+database+backup .

Feature Improvements

Summary	Details
Technology - C/C++ Technology options - Accept trigraphs	The "Accept trigraphs" option has been implemented in AIP Console (previously this option was only available in CAST Management Studio). See https://doc.castsoftware.com/display/TECHNOS/C+and+Cpp+-+Analysis+configuration#CandCppAnalysisconfiguration-Settings .
GUI - Module management	The ability to delete all Modules in one go (via checkboxes and a global delete button) has been added to the Module management page at Application level - see https://doc.castsoftware.com/display/AIPCONSOLE/Application+-+Config+-+Modules .
GUI - Application Overview	The Architecture Map section has been improved: 1) the list of Technologies has been replaced with a coloured treemap depicting the number of files in each discovered technology. 2) Discovered Frameworks are now displayed in their own dedicated section, rather than with Technologies. See https://doc.castsoftware.com/display/AIPCONSOLE/Application+-+Overview#ApplicationOverview-overviewArchitectureMap .
GUI - Transaction - Rules	The list of predefined Data Entities (known as "built-in types") is now displayed in the Application - Transactions - Rules page. Previously this section was not visible. See https://doc.castsoftware.com/display/AIPCONSOLE/Application+-+Transactions+-+Rules#ApplicationTransactionsRules-Introduction for more information.
GUI - Application - Config - Architecture	AIP Console will now only offer Architecture Models that have already been added to or imported into the Architecture Studio, rather than offering a file upload option as in previous releases. https://doc.castsoftware.com/display/AIPCONSOLE/Application+-+Config+-+Architecture#ApplicationConfigArchitecture-Availableoptions .
Technology - SQL - Sybase (legacy)	AIP Console will now display the "Sybase Technology" entry in Application > Config when delivering the results (.castextraction or .uaxDirectory) of a Database Extraction for a Sybase ASE instance. See https://doc.castsoftware.com/display/TECHNOS/SQL+-+Analysis+configuration#SQLAnalysisconfiguration-AIPConsole .
Technology - Mainframe - AdvancedJCL.xml	It is now possible to define an AdvancedJCL.xml file (containing parametrization rules for JCL) at application level - available in the Technologies > Mainframe > JCL section in the GUI. See https://doc.castsoftware.com/display/TECHNOS/Mainframe+-+Analysis+configuration for more information.

Transactions - Rules - Table prefixes excluded from PK/FK analysis	It is now possible to define table prefixes that are excluded from PK/FK analysis for the Built-in data entities sub-section of the Transaction - Rules section. Previously this section was only available in the legacy Transaction Configuration Center application. See https://doc.castsoftware.com/display/AIPCONSOLE/Application++Transactions++Rules#ApplicationTransactionsRules-TableprefixesexcludedfromPK/FKanalysis .
Transactions - Rules - Excluded table names via regular expressions (case insensitive)	It is now possible to define excluded table names via regular expressions (case insensitive) for the Built-in data entities sub-section of the Transaction - Rules section. Previously this section was only available in the legacy Transaction Configuration Center application. See https://doc.castsoftware.com/display/AIPCONSOLE/Application++Transactions++Rules#ApplicationTransactionsRules-Excludedtablenameeregularexpressions(caseinsensitive) .
Architecture Studio - Check overlapping objects	A new option has been added to the header toolbar when working in the Architecture Studio edit mode. This new option allows you to check whether any objects you are capturing in your model are present in more than one layer - in other words you may have multiple layers that target the same object types. See https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console++Architecture+Studio++Model+editor#AIPConsoleArchitectureStudioModeleditor-Header .
Architecture Studio - Layer /Set creation	When creating a new Layer or Set, you will no longer be prompted to name the item. This step has been withdrawn to improve the workflow. Items are given a generic name and can be renamed after they are created.
Architecture Studio - Check Model	When checking the violations in an Architecture Model or Quality Rule Model or the objects in a Layer or Set, it is now possible to add "path" information about the objects in question. The path information is not visible by default and must be added manually using the "Column" selector. This can help localize the object for remediation purposes. See https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console++Architecture+Studio++Existing+Models#AIPConsoleArchitectureStudioExistingModels-checkCheckaModel .
Architecture Studio - Model Editor - Shown external objects	A new option has been implemented called "Show results with External Objects" and is available in the configuration option in the Model Editor header. When activated, this option will show all links based on the scope of the caller Layer, even those starting from external objects if the Layer is configured to include such objects. In the list of violating links, a warning is added explaining that external objects are displayed and a new column called "Internal" is displayed, indicating if the the link involves internal objects or not. See https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console++Architecture+Studio++Model+editor#AIPConsoleArchitectureStudioModeleditor-Header .
GUI - Prepare analysis data banner	A new banner will be displayed when changes are made to the Module configuration, Dynamic Links are reviewed or new Update Analysis Schema jobs are added. This banner indicates that the analysis results used by features such as the Architecture Studio, Transaction configuration and upload to CAST Imaging will not be up-to-date. The banner therefore offers the option of running a dedicated step called "Prepare analysis data" to bring the results back up-to-date. See for example https://doc.castsoftware.com/display/AIPCONSOLE/Application++Config++Modules#ApplicationConfigModules-Changesmade .
GUI - Reference Finder	An additional action has been added to the Reference Finder rule creation UI: "Save and Run". This option will save the Reference Finder rule configuration AND execute the rule (any links found will be saved). In addition, the existing action "Save Configuration" is renamed as "Save". See https://doc.castsoftware.com/display/AIPCONSOLE/Application++Config++Reference+Finder .
GUI - Architecture Studio - Clone Layer or Set	It is now possible to clone an existing Layer or Set in the Model editor. The cloned item will be name using the existing item's name with the suffix "- Copy". See https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console++Architecture+Studio++Model+editor#AIPConsoleArchitectureStudioModeleditor-layersetsLayers/Sets .
GUI - Process Application dialog box	The Process Application dialog box has been redesigned to improve its functionality. This dialog box is displayed when running actions such as generate snapshot, run analysis etc.

Other Updates

Internal Id	Details
WEBI-10039	Delivery folder migration failed with "Error is: Unrecognized character escape '{.'" This bug has been fixed.
WEBI-9961	Delivered Engineering Dashboard release: 1.26.1-funcrel. Delivered Health Dashboard release: 1.26.1-funcrel.
WEBI-9961	The "ISO-5055 Index" extension (https://extend.castsoftware.com/#/extension?id=com.castsoftware.omg-ascqm-index&version=latest) has been added to the list of extensions that are force installed with every Application. See https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center++Settings++Extensions+Strategy .
WEBI-9166	Mainframe Library Extensions that use composite file extensions (such as XXX.YYY) are now correctly handled by AIP Console. In previous releases, only the very last part of the defined extension (after the last dot) was taken into account. See https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center++Settings++Mainframe+libraries++PDS+Dump .

WEBI-9984	in previous releases of AIP Console, some metamodel types and categories displayed in Transaction rules/Architecture Studio layers/sets may have been displayed with a description ending in "- legacy" (or even "- legacy - legacy" in some rare cases) - this was so that it was possible to distinguish between multiple metamodel types or categories that used the same description. From 1.24, the use of - legacy to distinguish metamodel type or category descriptions is no longer used, instead where two metamodel type or category descriptions are the same, the name of the metamodel type or category is now appended in brackets.
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Resolved Issues

Customer Ticket Id	Details
25915	Not able to change extension strategy in Firefox Web browser.
27732	Incorrect version status when upgrading extensions.
28991	Mainframe Punch files are not recognized by AIP Console.
29002	No analysis unit created for Perl source code.
29071	User Defined Module - Module content overview failed with the error: com.castsoftware.java.ExternalException.
29320	Incident-Snapshot/Version cleanup jobs are failing with message "Version not found".
29354	Apps failing on Install extension step when there is a corrupt extension in Custom extension folder or the Extension folder.
29467	Generate snapshot indicator on mainframe applications takes a really long time.