

# 1.21

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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.

## 1.21.0-funcrel

### New Features

Summary	Details
Technical - Introduction of CAST Extend Proxy	This release provides new GUI settings to interface with a new component called CAST Extend Proxy - similar to CAST Extend Offline but with an optional live connection to CAST Extend. See the documentation on the initial start-up wizard where CAST Extend Proxy settings can be configured: <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Complete+start-up+wizard#Completestartupwizard-WizardStep4:ConnecttoCASTExtend">https://doc.castsoftware.com/display/AIPCONSOLE/Complete+start-up+wizard#Completestartupwizard-WizardStep4:ConnecttoCASTExtend</a> , and also the Admin Center where the same settings can be managed post installation: <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center+-+Settings+-+CAST+Extend">https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center+-+Settings+-+CAST+Extend</a> .

### Feature Improvements

Summary	Details
GUI - Invalid Library Components	Any Library Component that contains a configuration error (not related to a metamodel) will be flagged as invalid in the Library Components panel. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Library+Components#AIPConsoleArchitectureStudioLibraryComponents-Availableoptions">https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Library+Components#AIPConsoleArchitectureStudioLibraryComponents-Availableoptions</a> .
Technical - Automatically upload data to a CAST Imaging instance	The process of publishing data direct to the CAST Imaging instance has been modified following the initial release of this in 1.21.0-beta1. Now, the entire process is handled by the ETL mechanism in the CAST Imaging instance. Therefore, this requires a minimum release of CAST Imaging 2.2.x or a CAST Imaging ETL 2.1.3.
Technical - Automatically upload data to a CAST Imaging instance	When configuring access to the CAST Imaging instance, a health check is carried out to ensure that the instance can be reached from AIP Console. Logs are provided if an error occurs (instance unreachable for example). See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center+-+Settings+-+Imaging+Settings">https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center+-+Settings+-+Imaging+Settings</a> .
Technical - Automatically upload data to a CAST Imaging instance	The configuration options in the initial startup wizard ( <a href="https://doc.castsoftware.com/display/AIPIMG/Complete+startup+wizard+for+AIP+for+Imaging">https://doc.castsoftware.com/display/AIPIMG/Complete+startup+wizard+for+AIP+for+Imaging</a> ) and in the System Settings ( <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center+-+Settings+-+Imaging+Settings">https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center+-+Settings+-+Imaging+Settings</a> ) have been modified since the initial beta based on feedback received.

### Other Updates

Internal Id	Details
WEBI-9227	Improve Imaging settings display

### Resolved Issues

Customer Ticket Id	Details
26408	Creation of transaction entry points in AIP Console - Check content is not reporting the correct number of objects.
26186	Architecture Studio times out when computing violations for a model.
26573	Add to the documentation information on how to blacklist an extension: <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Blacklisting+extensions">https://doc.castsoftware.com/display/AIPCONSOLE/Blacklisting+extensions</a> .
26567	AIP console 1.19.3: Add version is failing during "Copying and attaching packages" step.
26921	After upgrade from from 1.16.1-funcrel to 1.20.1-funcrel the "Enable the node" toggle button does not come up automatically.
26811	Link from HD to ED gets broken each time AIP Console consolidates snapshots.
26628	AIP Console current action status is very often not reporting the correct status in Mozilla Firefox.
27072	AIP Console current action status is very often not reporting the correct status in Mozilla Firefox.
27159	AIPConsole 1.21 is not picking up the Source Code Folder location
27274	AIP 1.19.0: Content Discovery step fails when added a version with asterisk or colon (:) in the name
27335	AIP CONSOLE 1.20.0: Add node pop window is refreshing very fast

## 1.21.0-beta1

### New Features

Summary	Details
Technical - Assessment Model Strategy options	A new set of options has been made available at global level (i.e. all Applications) to provide a choice for how Assessment Model fragments (i.e. rules embedded in extensions) are handled during an upgrade to a new release of an extension. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center+-+Settings+-+Assessment+Model+Strategy">https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center+-+Settings+-+Assessment+Model+Strategy</a> .
Architecture Studio - Library Component Section	A new section has been added dedicated to managing Library Components. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/1.21.0-beta1+-+Content+overview#id-1.21.0beta1Contentoverview-ArchitectureStudio-LibraryComponents">https://doc.castsoftware.com/display/AIPCONSOLE/1.21.0-beta1+-+Content+overview#id-1.21.0beta1Contentoverview-ArchitectureStudio-LibraryComponents</a> for more information.
Technical - Automatically upload data to a CAST Imaging instance	The process of exporting and importing data into a CAST Imaging instance has previously been a manual process that must be actioned following the completion of either a snapshot or an analysis. AIP Console 1.21.0-beta1 introduces the ability to automate this data export and import as part of the standard onboarding and rescan processes so that when these processes are complete, all data is ready to use in CAST Imaging without having to perform any additional manual actions. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/1.21.0-beta1+-+Content+overview#id-1.21.0beta1Contentoverview-AutomaticallyuploaddatatoaCASTImaginginstance">https://doc.castsoftware.com/display/AIPCONSOLE/1.21.0-beta1+-+Content+overview#id-1.21.0beta1Contentoverview-AutomaticallyuploaddatatoaCASTImaginginstance</a> for more information.
Technical - Extension origin priority change	The priority system that AIP Console uses to determine which "origin" should be used to include the extension in a given Application version has been changed. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/1.21.0-beta1+-+Content+overview#id-1.21.0beta1Contentoverview-Extensionoriginprioritychange">https://doc.castsoftware.com/display/AIPCONSOLE/1.21.0-beta1+-+Content+overview#id-1.21.0beta1Contentoverview-Extensionoriginprioritychange</a> for more information.

### Feature Improvements

Summary	Details
Architecture Studio - Automated update of standard library component from CAST Extend	The update of standard library components from CAST Extend is now actioned automatically. This will occur roughly 2 minutes after the AIP Console service has been (re-)started, then once per day each time the "SAVE" button is pressed in any of the AIP Console System Settings (whether a field has been changed or not).

GUI - Additional options when adding /cloning /editing a version	Two new options have been added to improve workflow flexibility when adding/cloning/editing a version: Run analysis and Publish to Health Dashboard. These options are already available when running a new snapshot/analysis for an existing application/version. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/1.21.0-beta1++Content+overview#id-1.21.0beta1Contentoverview-Additionaloptionswhenadding/cloning/editingaversion">https://doc.castsoftware.com/display/AIPCONSOLE/1.21.0-beta1++Content+overview#id-1.21.0beta1Contentoverview-Additionaloptionswhenadding/cloning/editingaversion</a> for more information.
Technical - Additional information in the Snapshot Report	Additional information has been added to the Snapshot Report (located in %PROGRAMDATA%\CAST\AipConsole\AipNode\snapshot-report\<application_name>). The items "databaseLocation" (indicates whether the instance of the database being used is located locally (LOCAL) or remotely (REMOTE)), "diskSpace" (estimation of the disk space consumed at the end of the analysis/snapshot), "freeMemory" (amount of memory available before running an analysis) and "mediaType" (whether the disk partition where the deploy folder is located is SSD or HDD) have been added under "executionPlatform". See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Advanced+onboarding+-+snapshot+generation+and+validation#Advancedonboardingsnapshotgenerationandvalidation-Deletesnapshotifnotsatisfactoryandthenregenerate">https://doc.castsoftware.com/display/AIPCONSOLE/Advanced+onboarding+-+snapshot+generation+and+validation#Advancedonboardingsnapshotgenerationandvalidation-Deletesnapshotifnotsatisfactoryandthenregenerate</a> .
Architecture Studio - Quality Rule Model - GUI improvements	Some improvements have been made to the model editor for Quality Rule Models: new icons have been added to depict the default Scope and Violation items. In addition a description for these items can now be added. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Model+editor#AIPConsoleArchitectureStudioModeeditor-layersetsLayers/Sets">https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Model+editor#AIPConsoleArchitectureStudioModeeditor-layersetsLayers/Sets</a> for more information.

## Other Updates

Internal Id	Details
WEBI-8672	Delivered Engineering Dashboard release: 1.22.0-funcrel. Delivered Health Dashboard release: 1.21.0-funcrel.
WEBI-00000	The existing action "Import" for a version has been renamed to "Set as current version". This action is available when the version has a Delivered or Accepted status. It performs the Accept and Set as current version actions in one go. The action will set the version as the version that will be used for analysis and snapshot actions (i.e. it is now the "current version") - in technical terms delivered source code is copied into a special "deployment" folder from where it will be analyzed.