

1.4.x

- 1.4.0
 - [New features](#)
 - [Known issues](#)
 - [Limitations](#)
- [Requirements](#)
- [How to report issues and feedback](#)

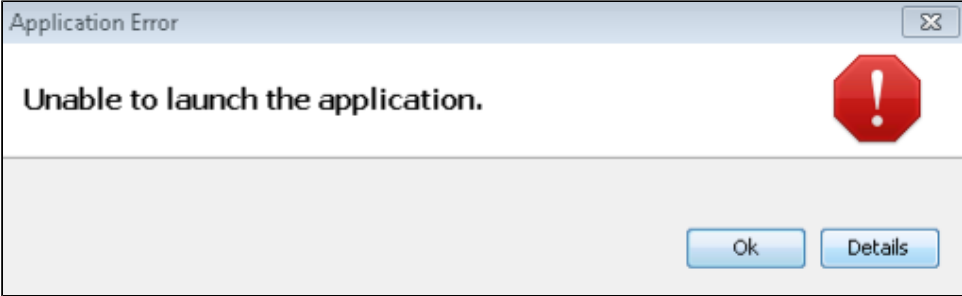
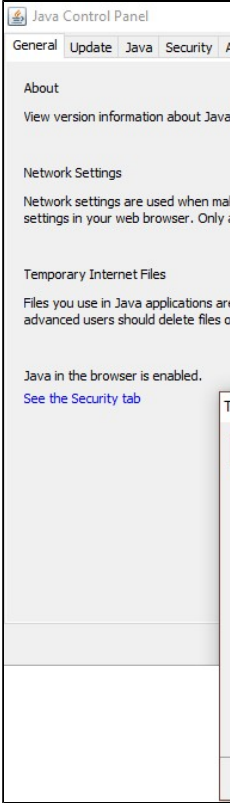
1.4.0

New features

Feature	Description
Transactions and Function Points tables are now sorted by most important information	In Transactions section, Transactions table is sorted to show invalid transactions first. Data entities table is sorted by object type. The rule tables are sorted on the number of captured objects to show rules that captured objects first. In Function Points section, Transactional Functions table and Data Functions table are sorted on the FP column to show 0 FP elements first.
Export Transactions and Function Points tables content	The user can now export the content of tables in CSV files.
User can see the objects captured by a specific type of rule	It is now possible to show in one click the list of objects captured by all the rules belonging to the same category of rules (ex: entry points).
Free Definition Rule Editor	Preview of the rule editor. <ul style="list-style-type: none">• User can click the "view" icon to enter the Free Definition editor.• User can click the "Edit" switch to activate the edition mode. User can: <ul style="list-style-type: none">• add/edit/remove selection criteria• add/edit/remove property blocks on name, full name, path, and type• add/edit/remove member-of/excluded-from blocks• save or discard his work User can edit the rule attributes from the list of rules, by clicking the Edit action. Limitation of the preview: it is not possible to create and update generic sets.
User can upload Architecture Checker models into analysis nodes	User can upload models but can also remove them from the system. Models are visible from application configuration page and are shared between all applications hosted on the same analysis node. Only models that are not attached can be removed from an analysis node.
User can attach an Architecture Checker model to an application	User selects a model from the list of models that have been uploaded and attaches it to the application. He can also detach a model from the application. Attached models will be used to compute snapshots for the applications.
Extension management by application	<ul style="list-style-type: none">• Automatic detection of extension to be used based on DMT discover• Definition of list of Extensions by domain• Display list of included extension & versions by application version• Add new available extension
Application Summary filtering options	Filter application by status (ongoing/failed/pending analysis).
Display of Reports after Analysis based on Report Extension	It is possible to display reports that have been implemented by Extension.
DMT Report	DMT Report displays directly in AIP Console.
DMT authentication update	New mechanism used when downloading DMT on local machine to avoid using user/password.
Cancel ongoing Analysis	If analysis is running, new action available to stop it.

Configuration improvement	New explorer to support management of files for configuration on Analysis node. Useful for JEE and C/C++ analysis configuration.
AIP License update	Update CAST AIP License in admin area
Log Improvement	Logs can be investigated once the step is done, no need to wait for the end of the analysis (job).
Domain Improvement	Admin user can create a domain without having to create an application.

Known issues

Issue	Description	Workaround
DMT (CAST Delivery Manager Tool) fails to launch.	<p>When attempting to download and launch the DMT, the following error occurs:</p> 	<p>Edit the Java JRE settings</p> <p><i>Click to enlarge:</i></p> 
WEBI-2718	Performance issue observed in loading and also when navigating from one application to another application in Transaction and FP pages.	-
WEBI-2791	Front-end notification system does not show "Compute Function Points" job name in notifications.	-
-	"Extension Discovery Service" is not available by Extension or public internet access. It can be used internally to CAST only or can be deployed based on a github project.	-
WEBI-3339	Analysis always fails if an Application contains some UA type Analysis Units, such as Shell, TIBCO etc.	<ol style="list-style-type: none"> 1. Deliver the first version and run the analysis (in all supported languages) but the UA 2. Create a second version and run the analysis.
	Currently, the AIP Console doesn't support an Application which is created from CMS, so the feature to import an existing Application into the AIP Console does not currently work.	-

Limitations

Limitation	Description	Workaround
CMS-API cannot be configured as a Windows service	When running CMS-API as a service (using Install-CMSAPI-Service.bat), any application declaration will fail	Run the API using the runCMSAPI.bat script. It requires leaving a user session opened at all times on the installation server
Only one application can be declared or deleted at the same time	Parallel actions not yet supported for Application declaration.	None.
Navigation to AED for an application which has no snapshot	Navigation to AED for an application which has no snapshot will fail, since this application is not yet known by AED.	None.
It is not possible to modify a Universal analysis unit	Deleting an Universal analysis unit or modifying it (adding/removing languages) is not possible	Using legacy CMS.
Application template limitations	<ul style="list-style-type: none"> Using application template disables the default extension installation by AIP 8.3.0 Putting an extension in the template does not automatically selects its dependencies, so application creation fails 	<ul style="list-style-type: none"> Put the the list of default extensions in the template file (forced_install.xml file) Put all dependencies in the template file

Requirements

See [Deployment requirements](#).

How to report issues and feedback

Please report and issue or feedback to the product manager, **Damien Charlemagne** (d.charlemagne@castsoftware.com).