ACH - Main window

Starting from CAST AIP 8.3.23, **CAST Architecture Checker** will no longer be installed as part of the CAST AIP setup, whether installing CAST AIP from scratch or on a server where a previous release of CAST AIP exists. CAST Architecture Checker has evolved into a **standalone component** where all feature requests and bug fixes are now managed. This standalone component can be downloaded from **CAST Extend** (**https://extendng.castsoftware.com/#/search-results?q=archichecker**).

Up-to-date documentation can be found here: **CAST Architecture Checker**.

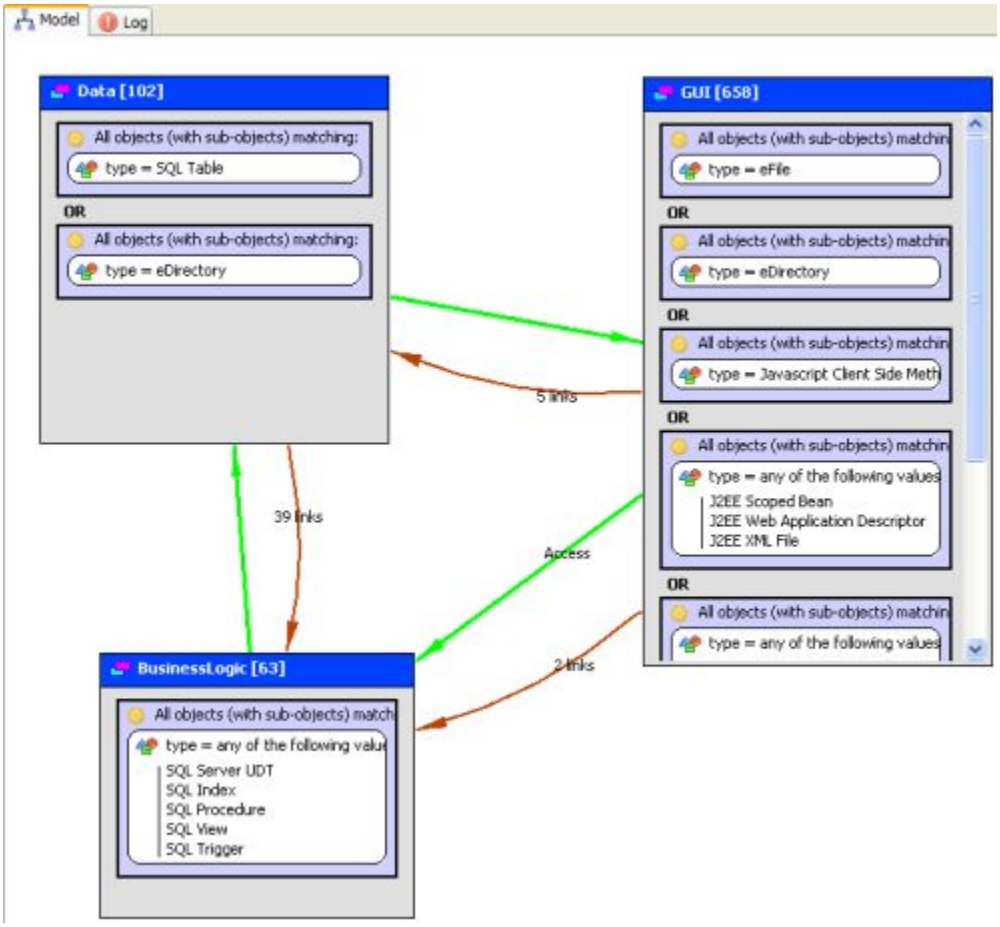
Main window

This section provides a detailed description of the contents of the **Main window** within the CAST Architecture Checker. The Main window contains various tabs, each is explained below:

- Model tab
- Log tab
- Source Code tab

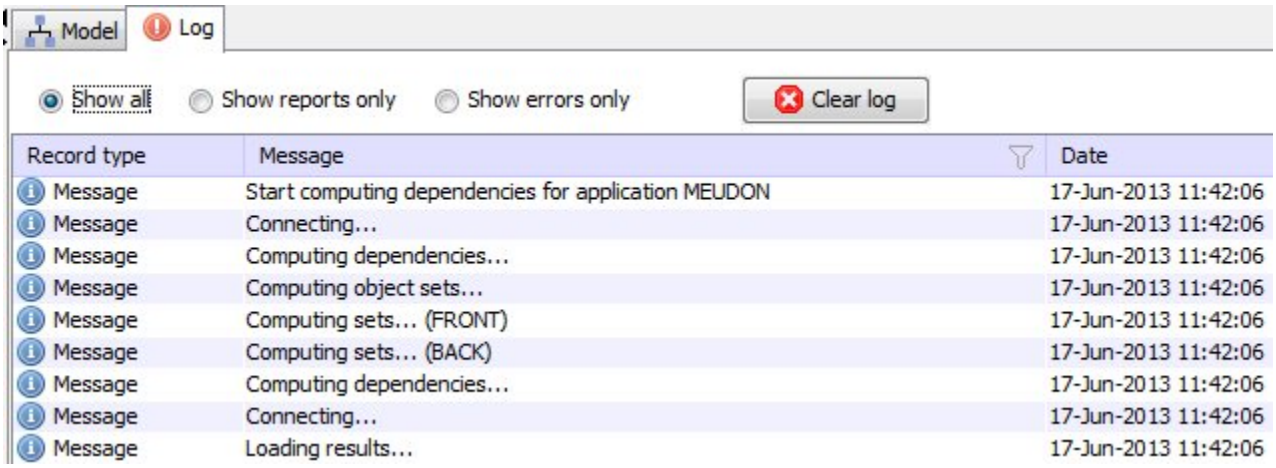
Model tab

This tab is where you define the Architecture Model and then work with it to investigate violations to the model. More information about how to work with it can be found in the How to... section.



Log tab

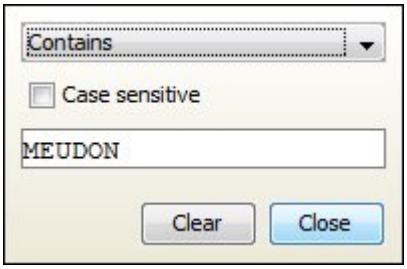
The Log tab lists messages and errors that may occur when the CAST Architecture Checker is in use.



The messages in the Log tab are also recorded in a log file on disk:

- the file will be named "**AC-<date>-<time>.log.txt**", where **<date>** is of the form "**YYYYMMDD**", and **<time>** of the form "**HHMMSS**"
- the file will by default be located in **%ALLUSERSPROFILE%/CAST/CAST/Logs/ArchiChecker**, or in a folder named **ArchiChecker** in the location specified by the **CAST_LOG_ROOT_PATH** if that variable has been defined and activated in the **CastGlobalSettings.ini** file.

The following headings are displayed in the Log tab:

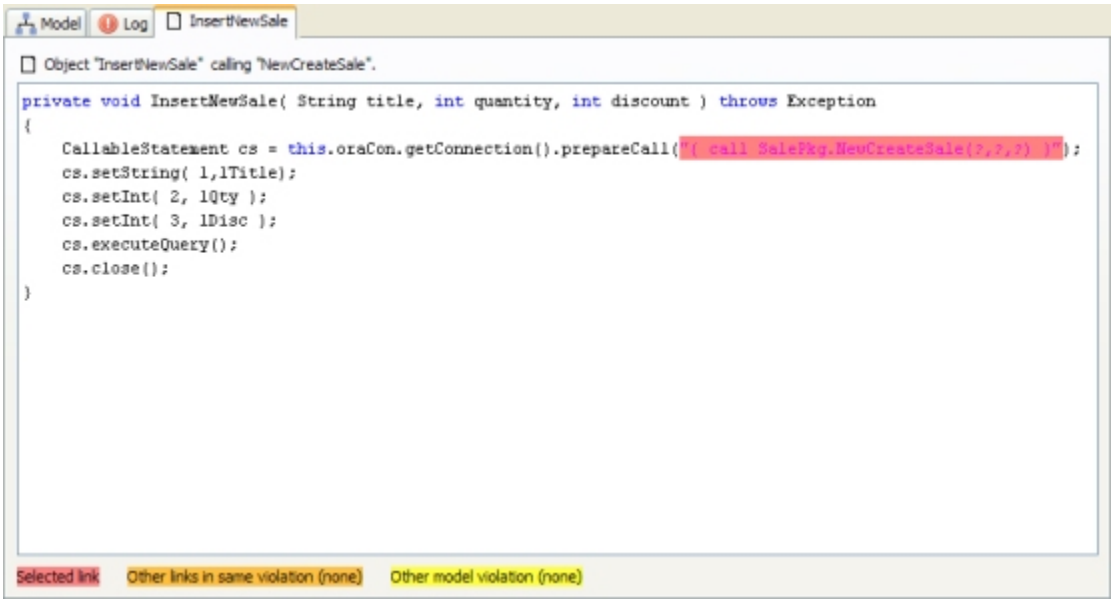
Record type	Displays the type of message: • **Message** > General information: does not indicate a problem. • **Error** > This is usually a functional error linked to how the Architecture Model is defined. For example, an error can occur if you create a circular dependency (a Layer A with a member-of property that relies on a Layer B and a Layer B with a member-of property that relies on a Layer A). • **Exception** > This is usually an SQL error. For example the target RDBMS may not be functioning correctly or may be offline. • **Report** > This type of message relates to information about the execution of "larger" features such as Check model.
Message	Describes the message. You can also use the Filter icon to sort and filter the messages according to their content:  • Choose the filter type in the drop down list • Choose whether the criteria will be applied using case sensitive text or not. • Enter the filter text. Only messages that match the chosen criteria will be displayed.
Date	Date and time the message was generated.

You can also use the options to filter and clear the messages:

Show all	This option will list all messages, regardless of their type.
Show errors only	This option will list only Errors and Exceptions
Show reports only	This option will only list Reports.
Clear log	Use this option to clear the list of messages.

Source Code tab

This tab is used to display the source code of links that have been identified (via the use of the Check model, Check content or Check overlapping layers options) between two layers in the model:



Key:

Selected link	This colour highlights the link between the two objects that are violating the currently selected dependency (i.e. between two specific layers) in your model.
Other links in same violation (none)	This colour highlights any other links in the current source code that are violating the currently selected dependency (i.e. between two specific layers) in your model.
Other model violation (none)	This colour highlights any other links in the current source code that are violating a different dependency (i.e. between two specific layers) in your model.