

ACH - Connect and select application




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://extending.castsoftware.com/#/search-results?q=archchecker>).

Up-to-date documentation can be found here: [CAST Architecture Checker](#).

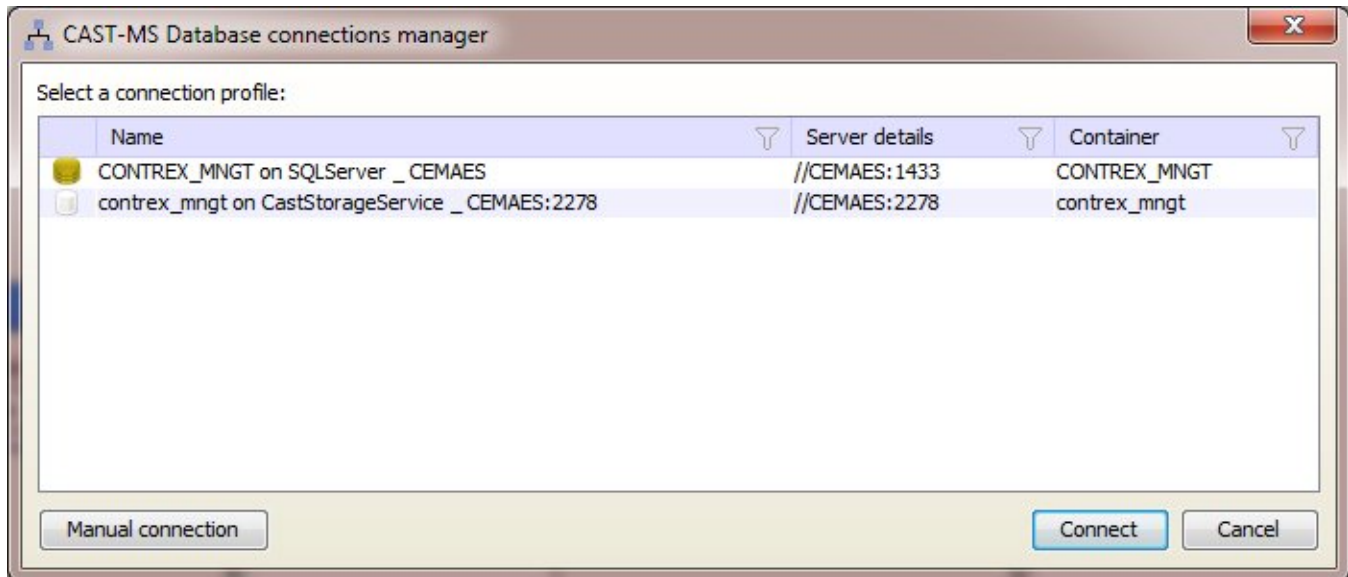
Connect and select application

This option enables you to connect to your CAST Management Service in order to check your model online and interactively.

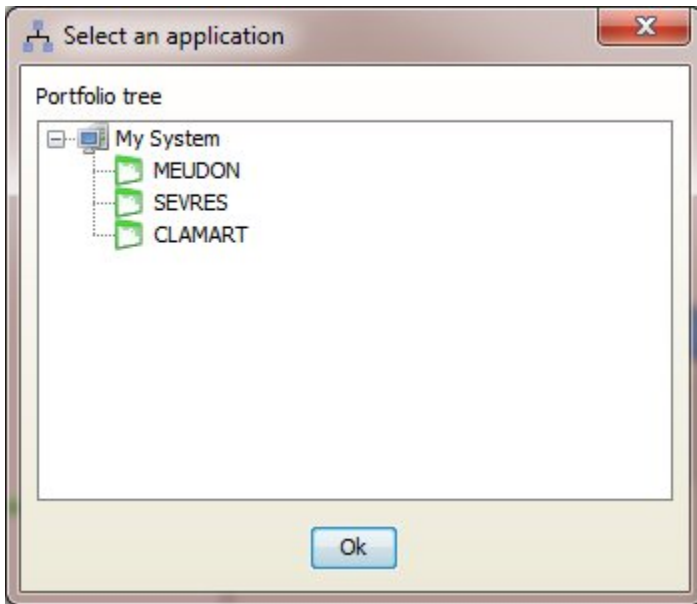
The option can be accessed:

- From the [Action](#) > **Connect and selection application** menu
- Using the  [Toolbar](#) icon

When selected, the **CAST Management Studio Database Connection Manager** will be displayed offering you the option to connect with one of your existing CAST Management Studio connection profiles:



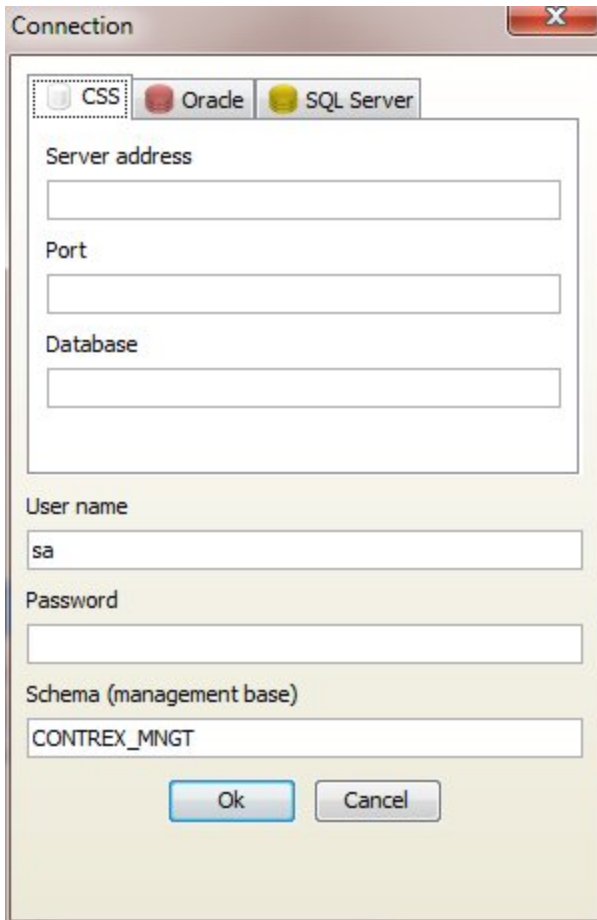
- The connection profiles displayed in this dialog box are stored locally on your machine.
- Choose the profile you require and click the **Connect** button
- The CAST Architecture Checker will then attempt to connect to the Management Service - if successful you will be prompted to select the application (as defined in the CAST Management Studio) you want to check using the Architecture Checker:



- Select the application and click OK
- At this point, what happens depends on the current scenario - this is explained in more detail in [Working online](#).

Manual connection

If you do not see the profile you require in the **CAST Management Studio Database Connection Manager**, you can use the **Manual** button to configure a connection. Clicking this will display the **Connection dialog box**:



A tab for each supported connection type is available - see below for more information about each tab and how to configure a connection.

CSS (CAST Storage Service)

To connect to a Management Service hosted on a CAST Storage Service, fill in the following information.

Server address	Enter the host name of the server on which the CAST Storage Service is installed. You can also enter an IP address if required. If this field is left blank, then the CAST Architecture Checker will use the value localhost by default (which assumes the host server is installed on the same physical machine).
Port	Enter the port number on which the CAST Storage Service is listening for incoming connections - during the installation of the CAST Storage Service 2, the port number is set by default to 2280 . Please enter the correct port number - if this is omitted, the port number 2278 will be used, which may not be correct.
Database	Enter the database name used by your CAST Storage Service. The parent database name in a CAST Storage Service environment is set by default to postgres and it is not possible to change this during the installation process. As such, there is no need to enter postgres in this field: when left blank, the CAST Architecture Checker will use postgres by default.
User name	Enter the user name that you will use to connect to the CAST Management Service on your host server. The pre-defined CAST Storage Service user operator must be used here (note that the User name is case sensitive). See Access Rights for more information about required user rights.
Password	Enter the password that corresponds to your operator user.
Schema (Management Service)	Enter the name of the target Management Service (<prefix>_mngt). This is defined during the CAST installation process.

Oracle

To connect to a Management Service hosted on an Oracle server, fill in the following information.

Server address	Enter the host name of the server on which the Oracle server is installed. You can also enter an IP address if required. If this field is left blank, then the CAST Architecture Checker will use the value localhost by default (which assumes the host server is installed on the same physical machine).
Port	Enter the port number on which the Oracle server is listening for incoming connections. During the installation of the Oracle server, the port number is set by default to 1521 and unless you have explicitly changed this during the installation process, then there is no need to enter a number in this field: when left blank, the CAST Architecture Checker will use port number 1521 by default.
Service/SID	Choose the appropriate database server access mode type for your Oracle server (SID or Service). Then enter either the Service name or the SID value in the field below. The CAST Architecture Checker uses the value ORCL by default for the Service name - as such, if your Oracle server Service name is ORCL , you can leave this field blank (ensuring that Service is selected). Note that there is no default value for the SID .
User name	Enter the user name that you will use to connect to the CAST Management Service on your host server. See Access Rights for more information about required user rights (note that the User name is case sensitive).
Password	Enter the password that corresponds to your User name
Schema (Management Service)	Enter the name of the target Management Service (<prefix>_mngt). This is defined during the CAST installation process.

SQL Server

To connect to a Management Service hosted on an a Microsoft SQL Server, fill in the following information.

Server address	Enter the host name of the server on which the Microsoft SQL Server is installed. You can also enter an IP address if required. If this field is left blank, then the CAST Architecture Checker will use the value localhost by default (which assumes the host server is installed on the same physical machine).
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Port/Instance	<p>Choose the appropriate database server access mode type for your Microsoft SQL Server (Port or Instance). Then enter either the Port number or the Instance name in the field below.</p> <p>During the installation of the Microsoft SQL Server, the port number is set by default to 1433 and unless you have explicitly changed this during the installation process, then there is no need to enter a number in this field: when left blank, the CAST Architecture Checker will use port number 1433 by default (when Port is selected)</p> <p>Note that there is no default value for the Instance.</p>
User name	Enter the user name that you will use to connect to the CAST Management Service on your host server. See Access Rights for more information about required user rights (note that the User name is case sensitive).
Password	Enter the password that corresponds to your User name
Schema (Management Service)	Enter the name of the target Management Service (<prefix>_mngt). This is defined during the CAST installation process.

