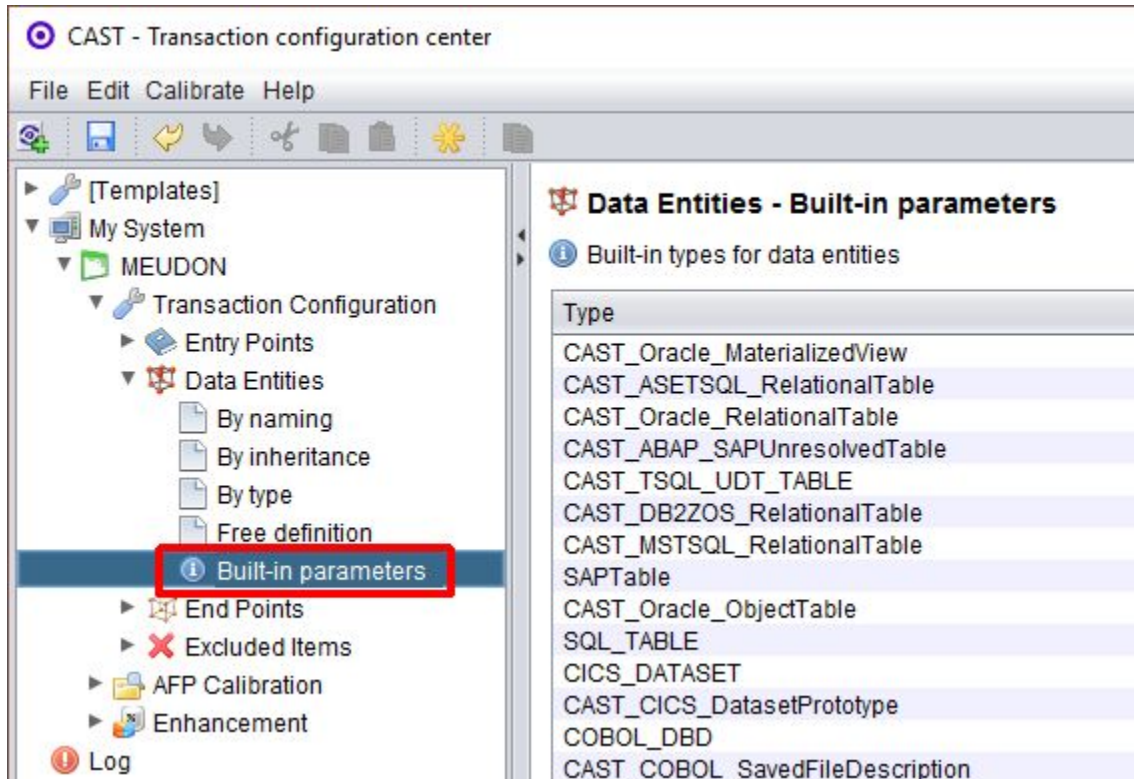


TCC - Built-in parameters node - Right hand panel

Built-in parameters node - Right hand panel

The **Built-in parameters** node is only available in the **Data Entities** node. This section lists:

- **Built-in types for data entities** > a set of object types that are ALWAYS considered as Data Functions - this list is predefined by CAST
- **FK/PK analysis: table prefixes to exclude** > this section allows you to define a list of prefixes that are used to name your SQL tables. Any prefix on the list will be excluded when the CAST Transaction Configuration Center algorithm attempts to detect data functions from SQL tables using Foreign key (FK) and Primary Key (PK) relationships
- **Names of tables to exclude (case insensitive regular expressions)** > this section allows you to define criteria based on Regular Expressions that are used to match specific table names. All matching objects will not be considered Data Functions at all.



Summary of right hand panel options:

B The list of built-in types for data entities is predefined by CAST. Object types that appear in this list are always considered Data Entities (e.g.: SQL Tables etc.) and have predefined Function

u

i

l

t

-

i

n

t

y

p

e

s

f

o

r

d

a

t

a

e

n

t

i

t

e

s

- You cannot create new, edit, or delete any entries in this list.
- Object types that appear in this list are NOT available for selection in the sibling **By naming**, **By inheritance** and **By type** nodes of the parent **Data Entities**, **End points**, **Entry Points**, **E** specific) that defines one of these Object Types, except via the **Free definition** node (see below). This is because all objects matching any of the types in this list are ALWAYS detected defined by CAST's internal algorithm.
- Objects that appear in this list are available for selection in the sibling **Free definition** node. This is because you may need to define specific and complex relations that include the object

Generate data record object sets > See [Generate sets](#) for more information about this option.

F This section allows you to define a list of prefixes that are used to name your SQL tables. Any prefix on the list will be excluded when the CAST Transaction Configuration Center algorithm at (PK) relationships.

K So if all or a majority of your tables use a naming convention that includes prefixes such as "T_" and "DT_" (for example), you need to add these prefixes to the list so that they are excluded :

/P To add a new prefix:



- Right click the right hand **Configuration panel** and select **New line** from the contextual menu
- A new entry (entitled "New") will be displayed.
- Edit the field to enter the table prefix. Double click the field to invoke the text editor.

N This section allows you to define criteria based on **Regular Expressions** that are used to match specific **table** names. All matching tables will NOT be considered Data Entities at all:

a Names of tables to ignore (case insensitive regular expressions)

Description	Ignored table names (case insensitive regular expressions)
Lookup entities	^(lkp_+ .types? +_t)\$
Status entities	^(+status)\$
Translation extension entities	^(+_ +_lang)\$
Temporary data entities	^(+templ.*session.* .*error.* .*search.* .*login.* .*logon.* .*filter.*)\$
Template data entities	^(.*template.*)\$
Auditing data entities	^(.*history.* +_old .audit.*)\$

m The section will be pre-populated with rules pre-defined by CAST. These pre-defined rules target table names that should never be taken into account by the CAST Transaction Configurator line with the **OMG CISQ AFP Specifications**.

e To add a new Regular Expression:

- Right click anywhere in the section and select **New line** from the contextual menu:



- A new entry (entitled "New") will be displayed.
- Edit the Description of the rule and then enter your Regular Expression.
- You can find out more about defining Regular Expressions in [Use Regular Expressions](#).

s Note:

- that **ONLY** server side tables will be returned by the Regular Expression. All other objects are not taken into account.

o **Reset defaults** > Use this button to reset the list to the rules pre-defined by CAST. Any rules you have defined yourself will be removed.

n **Generate excluded tables** > This option will produce a list of the tables that are being excluded and not considered as Data Entities:

Name	Type	Full name	Filtered by
applicable_movement_types	Microsoft table	MS28_QAPART4... applicable_movement_types	REGULAR EXPRESSION
applicable_movement_types	Microsoft table	MS28_QAPART4... applicable_movement_types	REGULAR EXPRESSION
applicable_movement_types	Microsoft table	MS28_QAPART4... applicable_movement_types	REGULAR EXPRESSION
ApplicationUserHistory	Microsoft table	MS28_QAPART4... it.dbo.ApplicationUserHistory	REGULAR EXPRESSION
ApplicationUserStatus	Microsoft table	MS28_QAPART4... it.dbo.ApplicationUserStatus	REGULAR EXPRESSION
ApplicationUserType	Microsoft table	MS28_QAPART4... it.dbo.ApplicationUserType	REGULAR EXPRESSION
ArchiveHierarchyHistory	Microsoft table	MS28_QAPART4... it.dbo.ArchiveHierarchyHistory	REGULAR EXPRESSION
ArchivePartyHistory	Microsoft table	MS28_QAPART4... it.dbo.ArchivePartyHistory	REGULAR EXPRESSION
ArticleType	Microsoft table	MS28_QAPART4... ent.dbo.ArticleType	REGULAR EXPRESSION
ArticleType	Microsoft table	MS28_QAPART4... ArticleType	REGULAR EXPRESSION
aspnet_Applications	Microsoft table	MS28_QAPART4... it.dbo.aspnet_Applications	LOOKUP TABLE ALGORITHM
ASRUN_IMPORT_STATUS	Microsoft table	MS28_QAPART4... RT_TRANSATS.dbo.ASRUN_IMPORT_STAT...	LOOKUP TABLE ALGORITHM
ASRUN_UPDATE_STATUS	Microsoft table	MS28_QAPART4... RT_TRANSATS.dbo.ASRUN_UPDATE_STAT...	LOOKUP TABLE ALGORITHM
attachment_types	Microsoft table	MS28_QAPART4... attachment_types	REGULAR EXPRESSION

The Filtered By column shows whether the table is being excluded due to a default rule (LOOKUP TABLE ALGORITHM) or by a custom Regular Expression (REGULAR EXPRESSION) as s

OMG CISQ AFP Specifications for Data Entities

By default, CAST will pre-populate the **Names of tables to exclude (case insensitive regular expressions)** with a set of pre-defined rules to EXCLUDE certain objects from being considered as Data Entities. These pre-defined rules are in line with the **OMG CISQ AFP Specifications** for Data Entities.

In addition, the **OMG CISQ AFP Specifications** dictate that other database tables (over and above the pre-defined rules discussed above) should NOT be considered as Data Entities. These objects are those with a lookup structure that match the following criteria:

- Have one primary key
- Optionally, have (only) one integer attribute to support order (a single integer attribute is allowed to support indexing and sorting the lookup data)
- Have no other database table with a cascade delete relation to it
- Have less than three text attributes or have a set of text attributes whose names match name, message, type, code, description, desc, or label.

Objects that match all of the above criteria will NOT be considered as Data Entities. This behaviour cannot be altered or overridden. This explains why some database tables are never displayed as Data Entities in the CAST Transaction Configuration Center. This behaviour can be altered in the **Computati on Configuration dialog** - see [Compute](#) for more information.

