

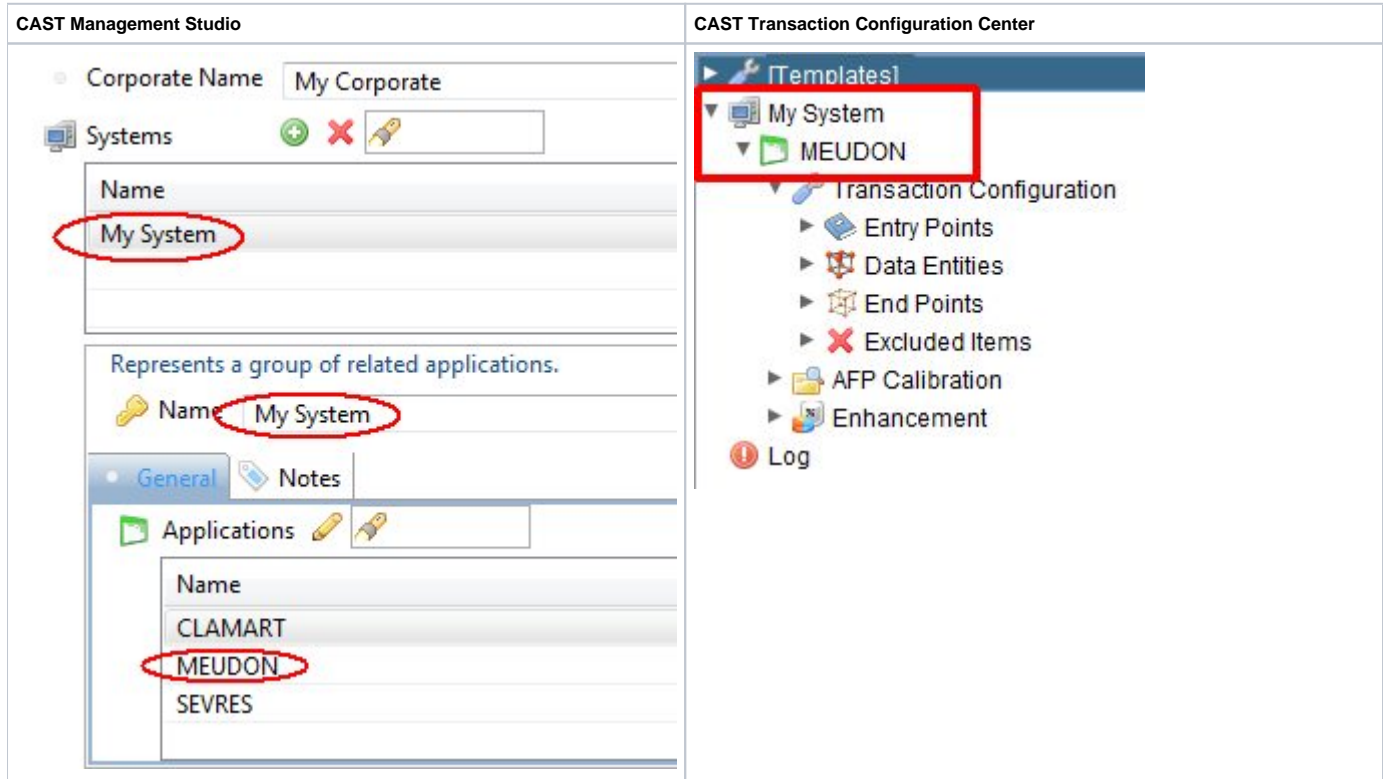
TCC - System node

System node

The **System** node allows you to define **specific** sets for all Systems/Applications that are available in the CAST Management Studio and then transparently displayed in the CAST Transaction Configuration Center.

The contents of the **System node** is identical to the contents of the [Templates node](#).

The image below shows an **Application** and **System** as displayed in the CAST Management Studio, and the same **System/Application** displayed in the CAST Transaction Configuration Center:



Select the item you would like to know more about:

- [Transaction Configuration node](#)
- [AFP Calibration node](#)
- [Enhancement node](#)

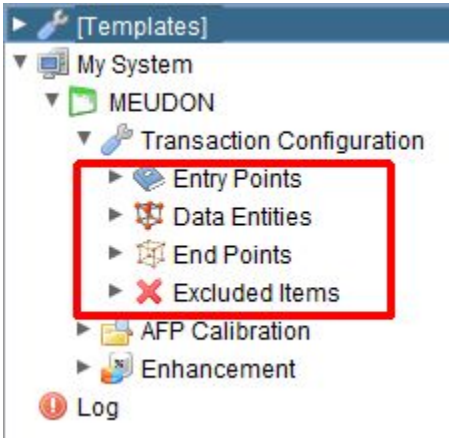
Transaction Configuration node

Each **System** defined in the CAST Management Studio is displayed in the CAST Transaction Configuration Center with its constituent Applications. Each Application node contains various sub-nodes:

- **Transaction Configuration**
- **AFP Calibration**
- **Enhancement**

This section describes the **Transaction Configuration node**: There are various **sub-nodes** in the Transaction Configuration node:

- Entry Points
- Data Entities
- End points
- Excluded Items



These sub-nodes (please see [Data Entities](#), [End points](#), [Entry points nodes](#), [Excluded Items - Browser](#) and [By naming, by inheritance, by type, free definition and Built-in parameters - Browser](#) for more information) enable you to create specific sets (or "configuration rules") for source code objects that have already been analyzed and are present in the Analysis Service schema. These sets can be created manually or can be automatically loaded via the TCC standard configuration files.

Please see the [Transaction Configuration node - Right hand panel](#) section for more information about using this window.

Right hand panel

When one of the above sub-nodes is selected, the right hand panel will display the total number of sets you have defined for that particular node:

Data Entities

By naming 1 definition
 By inheritance 2 definitions
 By type 1 definition
 Free definition empty

When a sub-node (such as **By naming**, **by inheritance**, **by type** and **Built in parameters** is selected) of one of the above sub-nodes is selected, the right hand panel lists any sets that have been created and also enables you to create new, edit existing and delete existing sets:

Data Entities - By type

Description	Type
SQL_VIEW	soft view

	New line	Ctrl+N
	Cut	Ctrl+X
	Copy	Ctrl+C
	Paste	Ctrl+V
	Delete	Delete
	Generate set	
	Generate all sets	

AFP Calibration node

The primary goal of the **AFP Calibration node** is to display the **results** of the Automatic Function Point (AFP) calculation (i.e. the number of Data Entities / Entry Points and their computed/calibrated Function Points). Data is taken directly from the CAST Analysis Service:

Application Functional Size


Automated Function Points: 97

Transactional Functions

Number of Functions: 22
 Computed FP: 30
 Calibrated FP: 30

Data Functions

Number of Functions: 11
 Computed FP: 67
 Calibrated FP: 67

 Compute function points and load results





Results are grouped into two sub-nodes:

- Data Functions
- Transactional Functions

For both sub-nodes, results are displayed in the right hand panel:

Data Functions

Show valid items Show empty and ignored items Show deleted items


Technical na...	Object type	Functional name	Compu...	New L...	Computed FP	New ...	# DET	# RET	Status	Full name
publishers	Microsoft table	publishers	EIF		5		4	1		default.CASTPUBS.dbo.publishers
roysched	Microsoft table	roysched	EIF		5		4	1		default.CASTPUBS.dbo.roysched
authors	Microsoft table	authors	EIF		5		9	1		default.CASTPUBS.dbo.authors
discounts	Microsoft table	discounts	EIF		5		5	1		default.CASTPUBS.dbo.discounts
titleauthor	Microsoft table	titleauthor	EIF		5		4	1		default.CASTPUBS.dbo.titleauthor
Stock	Microsoft table	Stock	ILF		7		10	2		default.CASTPUBS.dbo.Stock
sales	Microsoft table	sales	ILF		7		6	2		default.CASTPUBS.dbo.sales
titles	Microsoft table	titles	ILF		7		10	1		default.CASTPUBS.dbo.titles
stores	Microsoft table	stores	EIF		5		8	1		default.CASTPUBS.dbo.stores
Orders	Microsoft table	Orders	ILF		7		8	2		default.CASTPUBS.dbo.Orders
Invoice	Microsoft table	Invoice	ILF		7		8	2		default.CASTPUBS.dbo.Invoice

For more information about this, please see the [AFP Calibration node - Right hand panel](#) section.

Enhancement node

This node provides a detailed presentation of **Automated Enhancement Point (AEP)** or **Enhancement Function Point (EFP)** statistics (depending on the measure selected at analysis time) for Data Functions and Transactional Functions present in the selected snapshot allowing you to understand why certain items have been marked as **modified/added/deleted** between snapshots:

Application Enhancement

 Snapshot information

< Prev.

Next >

Enhancement Measure: AEP

Name: Computed on 201707041441

Date: 2017-07-04 14:43:09.576

Functional date: 2017-07-05 00:00:00.0

Automated Enhancement Points: 0

Automated Enhancement Function Points: 0

Transactional Functions

Total AEFP: 0

Added AEFP: 0

Modified AEFP: 0

Deleted AEFP: 0

Data Functions

Total AEFP: 0

Added AEFP: 0

Modified AEFP: 0

Deleted AEFP: 0

Automated Enhancement Technical Points: 0

Added AETP: 0

Modified AETP: 0

Deleted AETP: 0

Export List of Objects

Results are then grouped into two sub-nodes:

- Data Functions
- Transactional Functions

For both sub-nodes, results are displayed in the right hand panel:

Evolution

Snapshot	Date	Functional date	Measure
Computed on 2...	2016-09-12 17:2...	2016-09-12 00:0...	AEP
Computed on 2...	2016-09-12 17:3...	2016-09-13 00:0...	AEP
Computed on 2...	2016-09-12 17:3...	2016-09-14 00:0...	AEP
Computed on 2...	2016-09-15 10:4...	2016-09-15 00:0...	AEP
Computed on 2...	2016-09-19 16:0...	2016-09-19 00:0...	AEP

Reference snapshot: Computed on 201609151023

[Change reference...](#)

Total AEPF: 6

Total Artifacts: 181

Added AEPF: 6 (100%)

Added Artifacts: 102 (56%)

Modified AEPF: 0 (0%)

Modified Artifacts: 0 (0%)

Deleted AEPF: 0 (0%)

Deleted Artifacts: 0 (0%)

[Recompute checksums and snapshot statuses](#)

[Shared objects exclusion...](#)

Transactional Functions

Name	Type	Status	FP Val...	Comp...	AEPF ...
frmTitles	EI	UNCHAN...	6	0.0	0
frmCreate...	EI	UNCHAN...	6	0.0	0
CASTPub...	EI	UNCHAN...	6	0.0	0
frmAuthors	EI	UNCHAN...	6	0.0	0
ListAuthor...	EI	ADDED	6	1.0	6

Details

Created in snapshot Computed on 201609121718

Hide unchanged objects

Object name	Object full name	Object type	Role	Status in TF	Object status
m_TitleId	BookDemoGui.frmCreate...	VB Variable	FULL_GRAPH_OBJECT	UNCHANGED	UNCHANGE
aulname	BookDemoGui.frmTitles.a...	VB Property Get	FULL_GRAPH_OBJECT	UNCHANGED	UNCHANGE
frmTitles	BookDemoGui.frmTitles	VB Form	FULL_GRAPH_OBJECT	UNCHANGED	UNCHANGE
m_au_fname	BookDemoGui.frmTitles....	VB Variable	FULL_GRAPH_OBJECT	UNCHANGED	UNCHANGE
m_au_fname	BookDemoGui.frmTitles....	VB Variable	FULL_GRAPH_OBJECT	UNCHANGED	UNCHANGE
selectedDetail	456547 CASTPUB.dbo.c...	Microsoft Table	DATA_RECORD	UNCHANGED	UNCHANGE

For more information about this, please see the [Enhancement node - Right hand panel](#) section.

