

# Requirement Management

- RM9 -



## ***Implementation Guide – V1***

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**BPA Delivery 6 for V5R19 (V5.6)**

# Modification Tracking

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Version	Date	Done by	Modification
	07 Oct 2008	CBZ	Document creation
D6W42.3	15 Oct 2008	NJZ/CBZ	Document verification
D6W48.3	26 Oct 2008	CBZ	Add Capture Module in DRILLDOWN_REQ_2_DD_CLASSES_1 to allow matrix report on Capture Module

# Table of Contents

---

<b>1. INTRODUCTION .....</b>	<b>7</b>
1.1. Scope and purpose .....	7
1.2. Related Documentation .....	7
1.3. Definitions.....	7
1.3.1. Glossary .....	7
<b>2. REQUIREMENT MANAGEMENT IMPLEMENTATION OVERVIEW .....</b>	<b>8</b>
2.1. Admin Settings Definition .....	8
2.2. Admin Settings Overview in CSE.....	12
<b>3. REQUIREMENT MANAGEMENT USE CASES.....</b>	<b>13</b>
3.1. UC 1: Modifying Report Templates .....	13
3.2. UC 2: Modifying Traceability Matrixes.....	16
3.3. UC 3: Modifying Capture Settings.....	20
3.4. UC 4: Modifying Decomposition Mappings .....	24
3.5. UC 5: Modifying Matrix Report.....	28
3.6. UC 6: Modifying Unallocated Objects .....	38
3.7. UC 7: Modifying Document Report .....	40
3.8. UC 8: Modifying Drill Down Behavior .....	45
3.9. UC 9: Modifying Capture from MS Windows Clipboard.....	46
<b>4. APPENDIX A - IMPLEMENTATION SETTINGS.....</b>	<b>49</b>
4.1. Administration settings .....	49
4.1.1. DECOMPOSE_REQUIREMENT section .....	49
4.1.2. DRILL_DOWN_BEHAVIOR section .....	50
4.1.3. REPORT_COMPARISON section.....	53
4.1.4. REPORT_DOCUMENT_XXX section .....	54
4.1.5. REPORT_MATRIX_XXX section .....	73
4.1.6. REQUIREMENT_CAPTURE section .....	81
4.1.7. REQUIREMENT_MAPPINGS section .....	83
4.1.8. SOURCE_REQUIREMENT_MAPPINGS section.....	87
4.1.9. SYSTEM_ENGINEERING section .....	92
4.1.10. TEMPLATE_PATH section .....	93

4.1.11.	TRACEABILITY_MATRIX_xxx section .....	94
4.1.12.	UNALLOCATED_OBJECTS section.....	102
4.1.13.	CLIPBOARD_CAPTURE_DESTINATION section .....	106
4.1.14.	REORDER_DOCUMENT section .....	106

# List of figures and tables

---

Table 1 – Acronyms.....	7
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# 1. Introduction

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This document describes the implementation guide for the BPA RM9.

This document is divided into the following sections:

- Requirement Management implementation overview
- Requirement Management Use Case
- Appendix A - Implementation settings

## 1.1. Scope and purpose

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In order to run the Requirements Management solution, certain data model requirements must be met. Some of the functionalities included in the solution require specific data model ingredients (for example classes, attributes and lookup values) to be defined.

There are two ways in which you as an implementer can fulfil the data model requirements. The first is to start from a template database supplied with the solution and to add on to that template any additional data model requirements that are relevant to your project. In case you already have a data model in place, or you would like to begin with a different data model template as a starting point, **you should refer to the CSE Data Model Documentation Document**, which is included with the solution. This document includes the instructions necessary to achieve the required data model.

## 1.2. Related Documentation

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- Collaborative Systems Engineering – License Use Management (CSE\_licenseUseManagement\_R19D6.doc)
- Collaborative Systems Engineering – Data Model Documentation (CSE\_DataModelDocumentation\_R19D6.doc)
- ENOVIA SmarTeam - Editor Installation Guide
- ENOVIA SmarTeam - Editor Administrator Guide
- ENOVIA SmarTeam - Editor User Guide
- ENOVIA SmarTeam - Foundation Installation Guide
- ENOVIA SmarTeam - Foundation Administrator Guide
- ENOVIA SmarTeam - Foundation User Guide

## 1.3. Definitions

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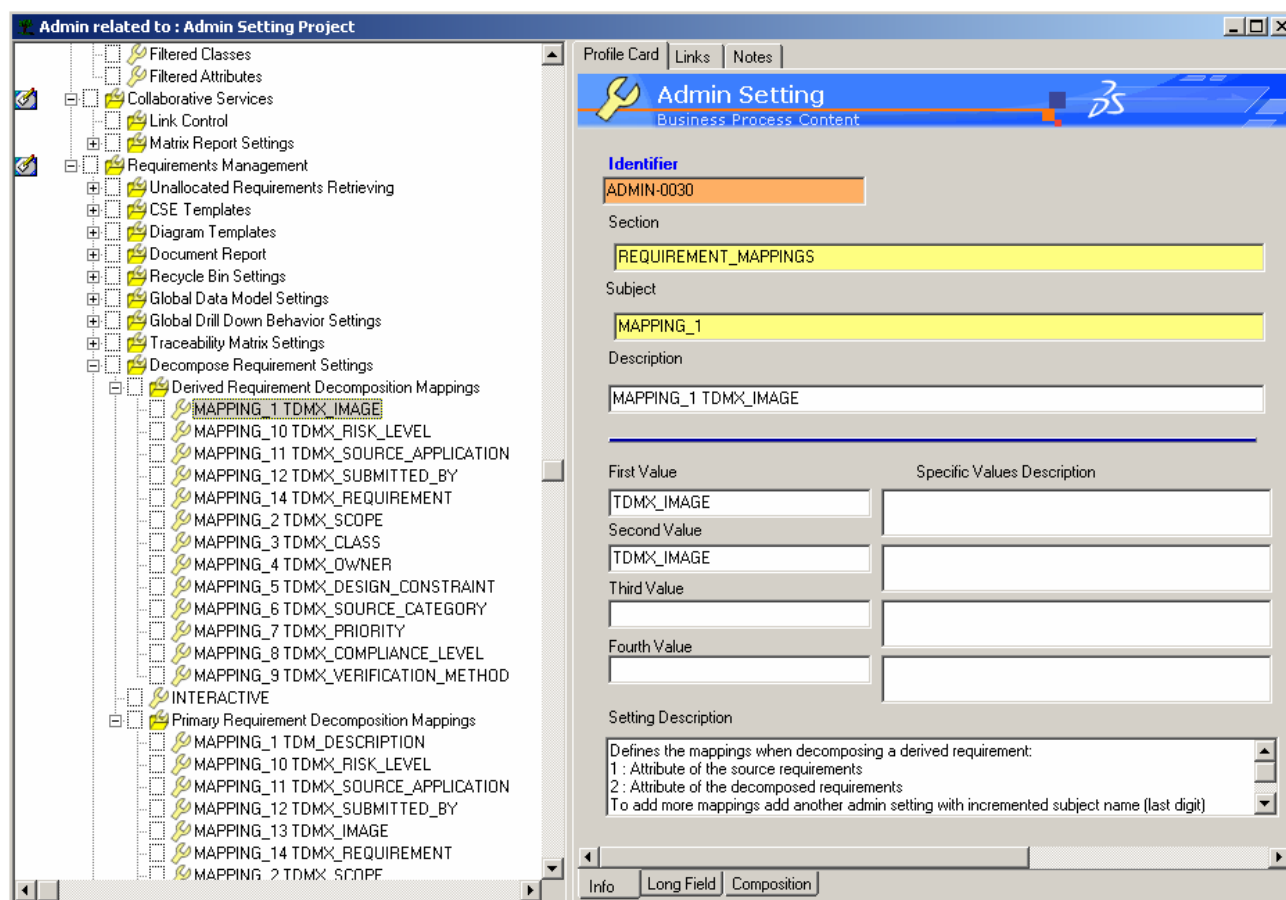
### 1.3.1. Glossary

Acronym	Definition
BPA	Business Process Accelerator
CSE	Collaborative System Engineering

Table 1 – Acronyms

## 2. Requirement Management implementation overview

### 2.1. Admin Settings Definition



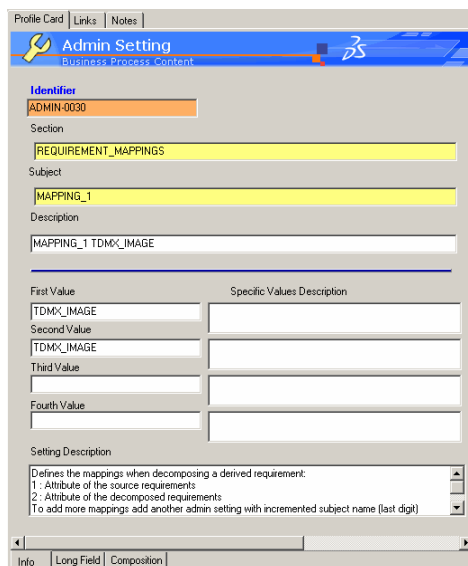
#### Admin Settings

- Admin Settings are customizable objects called into CSE DLLs
- They change the application behavior without modifying the code
  - **Allow High level customization with minimum of skills (end user customization)**
- User friendly

#### Example :

- Admin Settings define the Templates Path (Word, Excel,...)
- Admin Settings define if you save or not the Visio diagram into the database
- Admin Settings define the way you decompose your requirements
- ...





- The Admin settings class contain several attributes
- The main attributes are displayed in the profile card
  - 👤 The attributes Section and Subject are mandatory



# Admin Setting

Business Process Content



**Identifier**

ADMIN-0030

Section

REQUIREMENT\_MAPPINGS

Subject

MAPPING\_1

Description

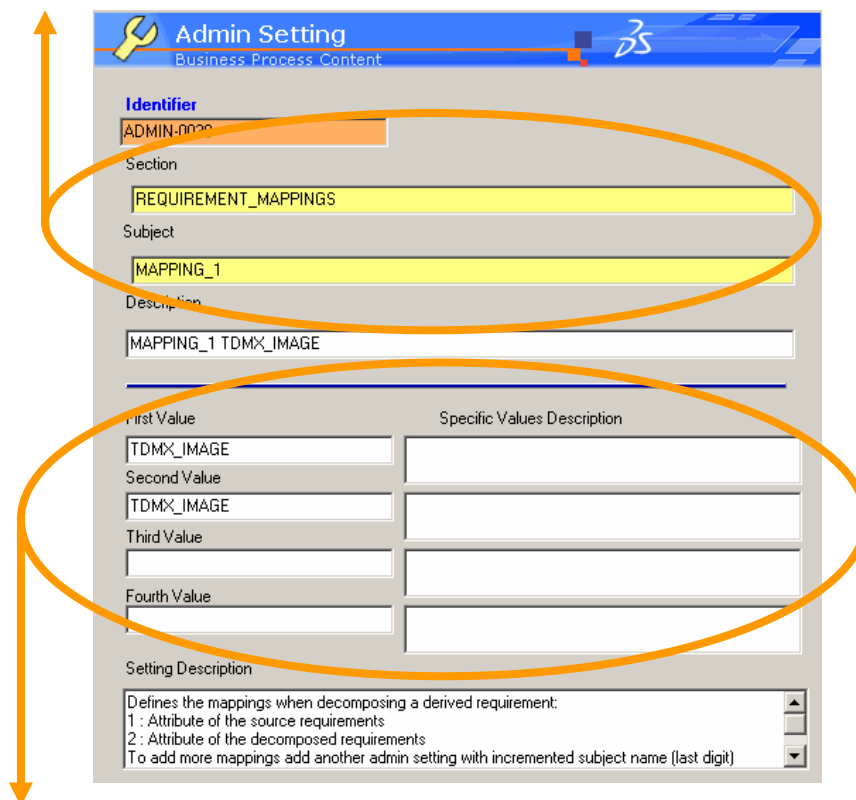
MAPPING\_1 TDMX\_IMAGE

First Value	Specific Values Description
TDMX_IMAGE	
TDMX_IMAGE	

Setting Description

Defines the mappings when decomposing a derived requirement:  
 1 : Attribute of the source requirements  
 2 : Attribute of the decomposed requirements  
 To add more mappings add another admin setting with incremented subject name (last digit)

- Admin settings are categorized by “Section” and “Subject”



**Admin Setting**  
Business Process Content

**Identifier**  
ADMIN-0030

**Section**  
REQUIREMENT\_MAPPINGS

**Subject**  
MAPPING\_1

**Description**  
MAPPING\_1 TDMX\_IMAGE

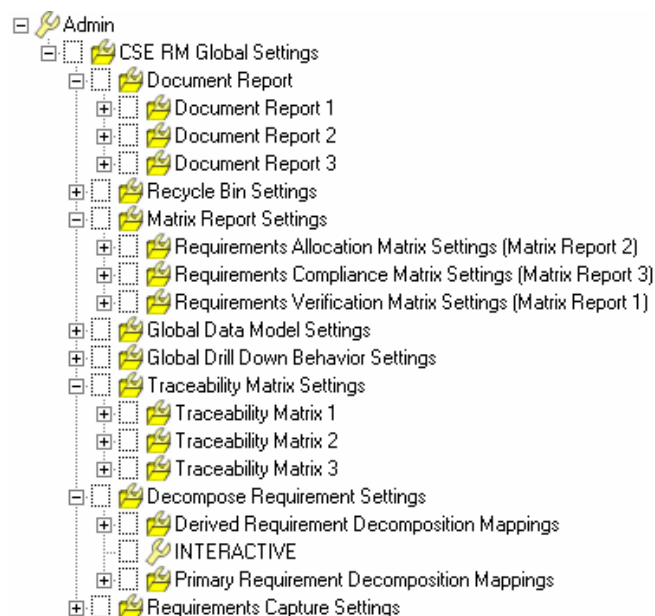
First Value	Specific Values Description
TDMX_IMAGE	
TDMX_IMAGE	

**Setting Description**  
Defines the mappings when decomposing a derived requirement:  
1 : Attribute of the source requirements  
2 : Attribute of the decomposed requirements  
To add more mappings add another admin setting with incremented subject name (last digit)

- In the code some variable are determined by the Value of some specific admin settings

- Where Admin Setting are used?

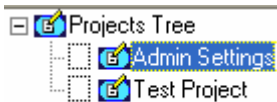
- Classes Names
- Word Template Path
- Excel Template Path
- Matrix definition and template
- Requirement Decomposition
- Requirement Capture
- Save FFBD into ENOVIA SmarTeam
- ...



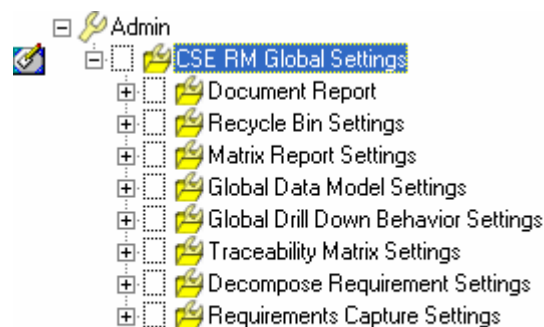
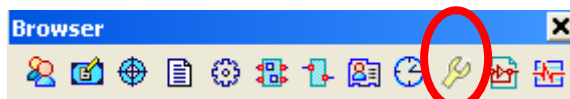
## 2.2. Admin Settings Overview in CSE

Viewing and modifying Admin Settings:

- In the admin settings project



- Browse the admin Settings class



- Customize the tree view to see the description attribute of the admin settings

## 3. Requirement Management Use Cases

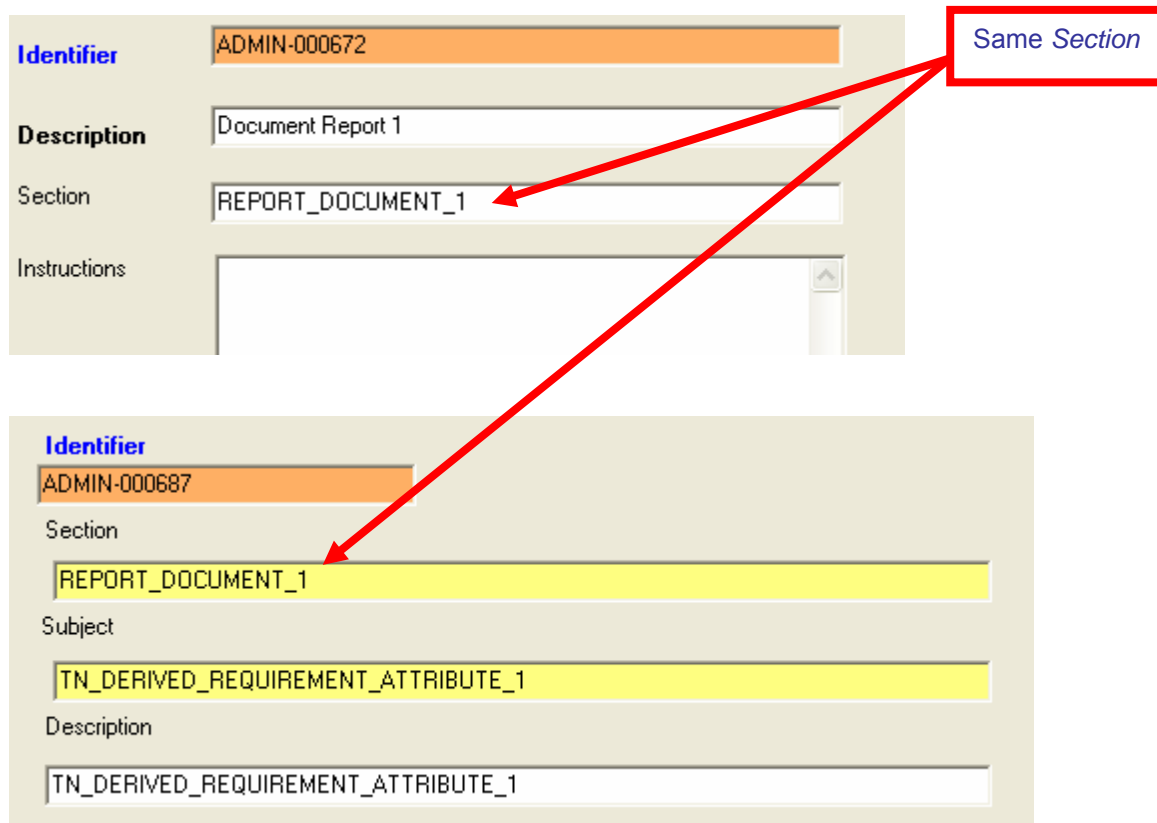
Here are the common customizations you can make on the CSE solution.



### 3.1. UC 1: Modifying Report Templates

You can modify the CSE Templates used to publish reports such as Traceability Matrixes, Report Matrix, Word Report...

First of all, you have to group the *Admin Settings* by *Setting Folder* (a *Setting Folder* corresponds to a template). This *Setting Folder* and the *Admin Settings* below it must have the same *Section* (If the *Setting Folder* field is not displayed in the *profile card* you have to add it thanks to the *Form Designer* tool)



The diagram illustrates the requirement for consistent section naming across different profile cards. Two profile cards are shown. The top card has the following fields:

- Identifier:** ADMIN-000672
- Description:** Document Report 1
- Section:** REPORT\_DOCUMENT\_1
- Instructions:** (empty text area)

The bottom card has the following fields:

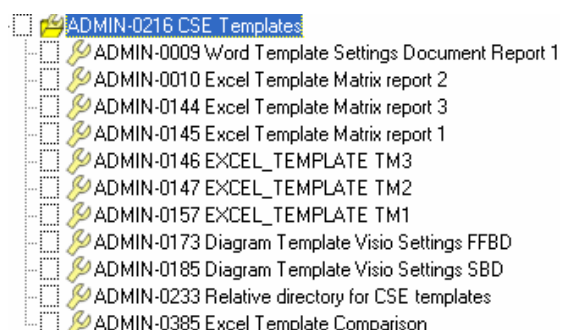
- Identifier:** ADMIN-000687
- Section:** REPORT\_DOCUMENT\_1
- Subject:** TN\_DERIVED\_REQUIREMENT\_ATTRIBUTE\_1
- Description:** TN\_DERIVED\_REQUIREMENT\_ATTRIBUTE\_1

Red arrows point from the 'Section' field of the top card to the 'Section' field of the bottom card, and from a red box labeled 'Same Section' to both 'Section' fields, emphasizing that they must match.



If several templates are defined, at the beginning of the execution of the “Generate Report”, the application asks to the user, which template he wants to use.

You can also modify the Visio Templates and stencils for functional and Logical decomposition.  
All the templates used are using the standard file format (\*.xlt, \*.dot, \*.vss, \*.vst)  
So you can create your own templates and use them for publishing



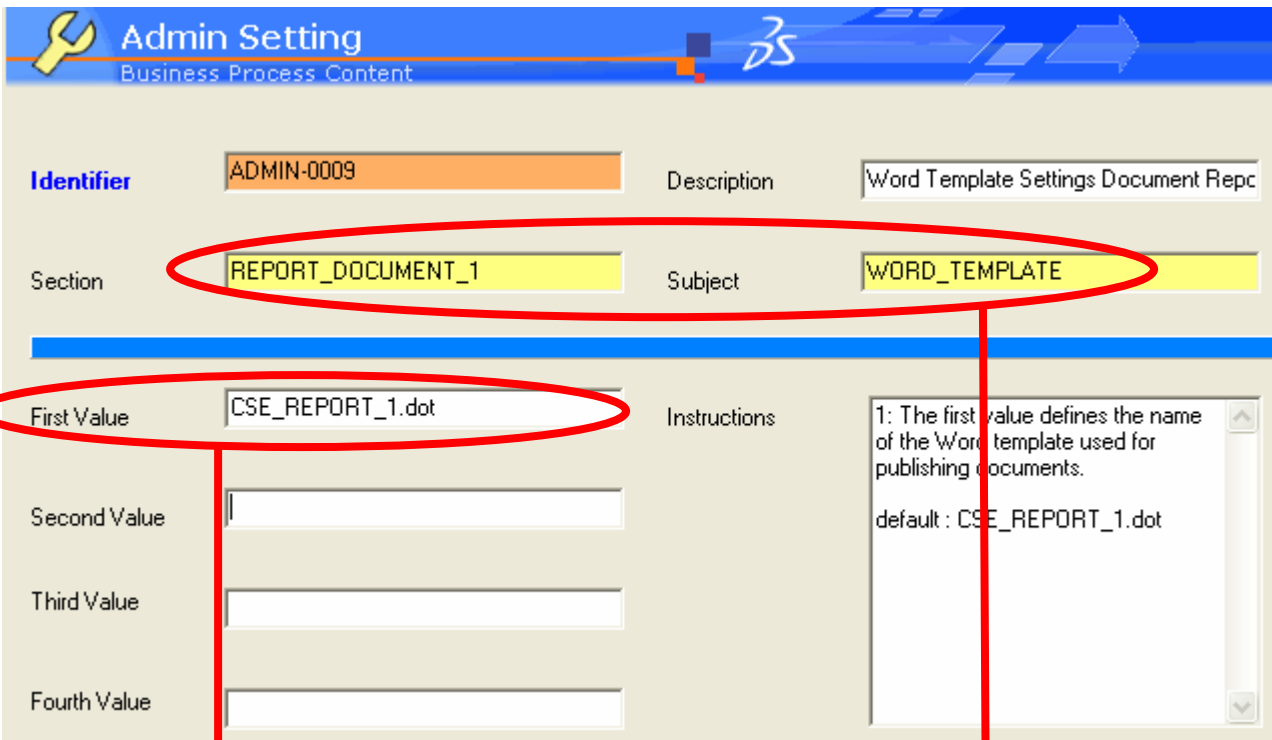
Templates names and path are defined into the Admin Settings listed here (**CSE Templates Folder**)

Section	TEMPLATE_PATH	Subject	RELATIVE_DIRECTORY
First Value	C:\Program Files\SmarTeam\initfile\CSE\	Instructions	1: The first value defines the directory where CSE templates are installed  Path must end with a back slash "\"  example C:\Program Files\SmarTeam\initfile\CSE\
Second Value			
Third Value			
Fourth Value			

Default directory for CSE Templates:  
All the Templates are defined relatively to this directory.  
Thus it's easier to manage modification => only one admin setting to modify.

The section and subject identify uniquely this admin setting:  
It's the Relative directory for the templates.

### Example:



**Admin Setting**  
Business Process Content

Identifier: ADMIN-0009 Description: Word Template Settings Document Repc

Section: REPORT\_DOCUMENT\_1 Subject: WORD\_TEMPLATE

First Value: CSE\_REPORT\_1.dot Instructions: 1: The first value defines the name of the Word template used for publishing documents. default : CSE\_REPORT\_1.dot

Second Value:

Third Value:

Fourth Value:

The First value contains the name of the template file.

The section and subject identify uniquely this admin setting: It's the Word template for the First document Report

### Informations

It's not necessary to enter the full path of the template file.  
There is a default path for all the template so only the name is needed to identify the template.  
So if the path of the templates changes, there is only one admin setting to modify.



### 3.2. UC 2: Modifying Traceability Matrixes

Requirements to Functions Matrix				Functions to Systems Matrix			
	Func 1	Func 2	Func 3		Sys 1	Sys 2	Sys 3
R1	Validated ⇔ ↑	Validated ⇔ ↑		Func 1	Validated	Validated	
R2	Validated ⇔ ↑		Validated ⇔ ↑	Func 2	Suspect		Validated
R3		Validated ⇔ ↑		Func 3		Validated	
R1.1	Suspect ⇔ ↑			Func 4	Validated		
R1.2	Validated ⇔ ↑			Func 5	Suspect		Validated

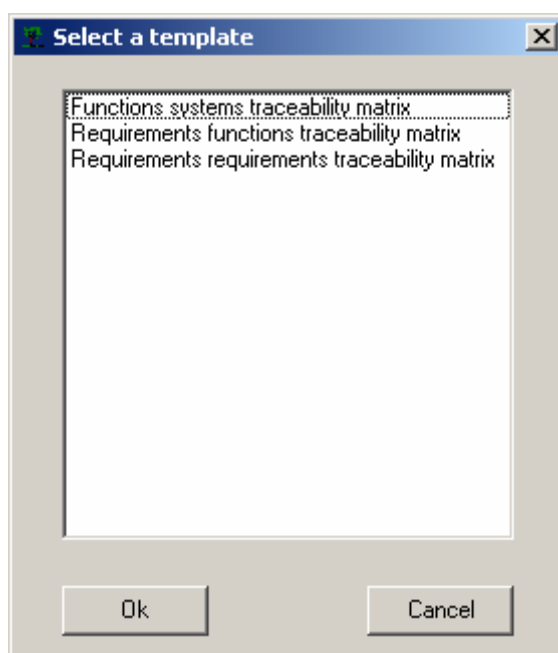
Requirements-Requirements Matrix								
	R1	R2	R5	R3	R4 va.1	R6	R1.1	R1.2
R1							Validated Decomposes to ⇔ ↑	Validated Decomposes to ⇔ ↑
R2				Validated Derives to ⇔ ↑	Suspect Derives to ⇔ ↑			
R5						Validated Impacts ⇔ ↓		
R3		Validated Derives to ⇔ ↓						
R4 va.1		Suspect Derives to ⇔ ↓					Suspect Impacts ⇔ ↓	
R6			Validated Impacts ⇔ ↓					
R1.1	Validated Decomposes to ⇔ ↓				Suspect Impacts ⇔ ↓			
R1.2	Validated Decomposes to ⇔ ↓							

The traceability matrix is a report from the database, the traceability report is represented by a double entries cross matrix (Requirements-Requirements, Requirements-Functions, Functions-Systems...) this dashboard provide an easy access to the link and his status between objects.

You can define as many Traceability matrixes as you want, you can even create your own class and track the link between this classes and any other class in the data model.

The selection of the traceability matrix that the user wants to generate is done thru the following GUI:





The customization of traceability matrix is made using admin settings under section TRACEABILITY\_MATRIX\_X where:

X = 1 for Requirements-Requirements traceability matrix

X = 2 for Requirements-Functions traceability matrix

X = 3 for Functions-Systems traceability matrix

X is different from 1, 2, 3 for user customized traceability matrix

Under the TRACEABILITY\_MATRIX\_X, ten subjects are used for customization:

- CLASSES
- DEFINITION
- DISPLAY\_CLASS\_ATTRIBUTE
- DISPLAY\_LINK\_ATTRIBUTES
- DRILLDOWN\_BEHAVIORS
- FILTER\_LINK\_ATTRIBUTE
- LINK\_COLORED\_ATTRIBUTE
- SELECTION\_BEHAVIOR
- EXCEL\_TEMPLATE
- GUI\_DISPLAY\_NAME

#### • **CLASSES Subject**

Gives the attributes super-classes used for rows and columns.

**First value:** Name of the super-class used in columns

**Second value:** Name of the super-class used in rows

#### • **DEFINITION Subject**

Gives the title of the matrix.

**First value:** Title of the matrix

#### • **DISPLAY\_CLASS\_ATTRIBUTE Subject**

Gives the attributes of row and column class to display as row and column header.

**First value:** Name of attribute to display for super-class in rows  
**Second value:** Name of attribute to display for super-class in columns

#### • DISPLAY LINK ATTRIBUTE Subject

Gives the attributes of linked class objects to display in cells (if none a cross is displayed, a maximum of 4 attributes is authorized)

**First value:** Name of first attribute of link class to display in cell  
**Second value:** Name of second attribute of link class to display in cell  
**Third value:** Name of third attribute of link class to display in cell  
**Fourth value:** Name of fourth attribute of link class to display in cell

#### • DRILLDOWN BEHAVIORS Subject

Gives the parsing mode of tree class objects (row and column).

**First value:** Name of the drill down used for class in rows  
**Second value:** Name of the drill down used for class in columns

#### • FILTER LINK ATTRIBUTE Subject

Gives a condition to be verified for an attribute of link class.

**First value:** Name of the link class attribute to filter  
**Second value:** Condition to verify for this attribute

#### • LINK COLORED ATTRIBUTE Subject

Gives the attribute to be displayed colored.

**First value:** Name of the link class attribute that will appear colored  
**Second value:** Possible values of this link class attribute  
**Third value:** Corresponding color for each possible value of attribute

#### • SELECTION BEHAVIOR Subject

Gives the selection mode of row and column class objects.

**First value:** Selection mode used for row class objects

- MANUAL for manual selection in row class tree
- SELECTALL for selection of all row class objects linked to current project
- PROJECTSELECTMANUAL for manual selection of the project first and data in row tree after.
- PROJECTSELECTALL for selection of all row class objects linked to the selected project.

**Second value:** Selection mode used for column class objects

- MANUAL for manual selection in column class tree
- SELECTALL for selection of all column class objects linked to current project
- PROJECTSELECTMANUAL for manual selection of the project first and data in row tree after.

- PROJECTSELECTALL for selection of all row class objects linked to the selected project.

- **EXCEL TEMPLATE Subject**

Gives the Excel template name used for reporting. The path to access this template is given by the admin settings with subject RELATIVE\_DIRECTORY under TEMPLATE\_PATH section.

**First value:** Name of file used as template  
**Second value:** Type of file  
**Third value:** Tool or software that generates the template

- **GUI DISPLAY NAME Subject**

Gives the display name for the publishing GUI.

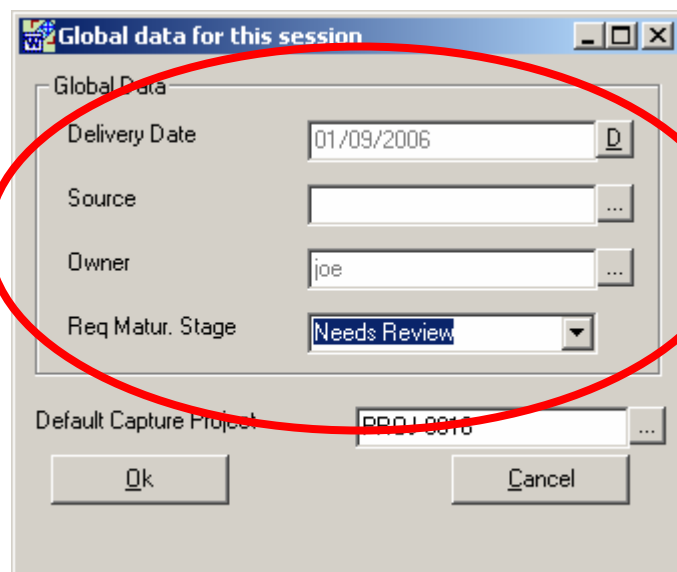
**First value:** Display name for the publishing GUI



### 3.3. UC 3: Modifying Capture Settings

At the beginning of the capturing phase, the user has to fill the global data form. These global data are used to value all the requirements captured in this session.

You can specify in the admin setting all the global data you want to see in this form up to 12;



All the global attributes appearing during the first capture are defined into admin settings.

Example:

You can create a new attribute in the Requirements Super class and add it in the global data.

You can find these admin setting in the "Requirements Capture Settings" Admin Folder



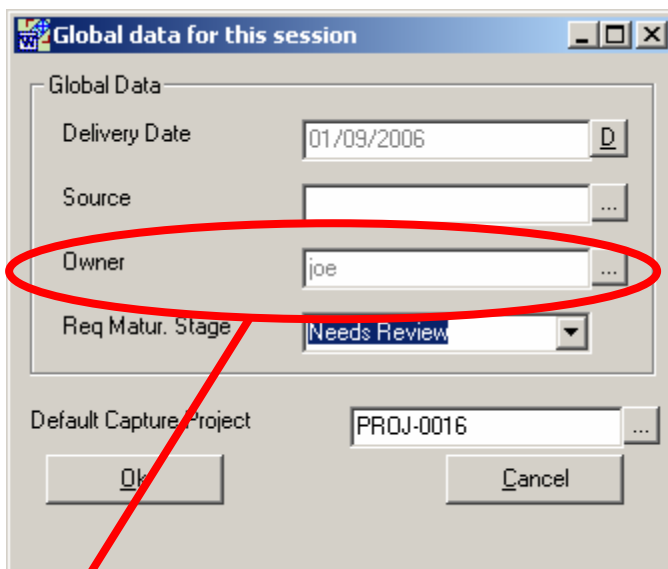
All the global attributes appearing during the first capture are defined into admin settings.

You can also define the name of the Requirement capture folder (cf. instructions field for detail)

Section	REQUIREMENT_CAPTURE	Subject	REQ_CAP_FOLDER
First Value	Requirements from %	Instructions	FirstValue - Prefix for name of folder that will be used when requirements

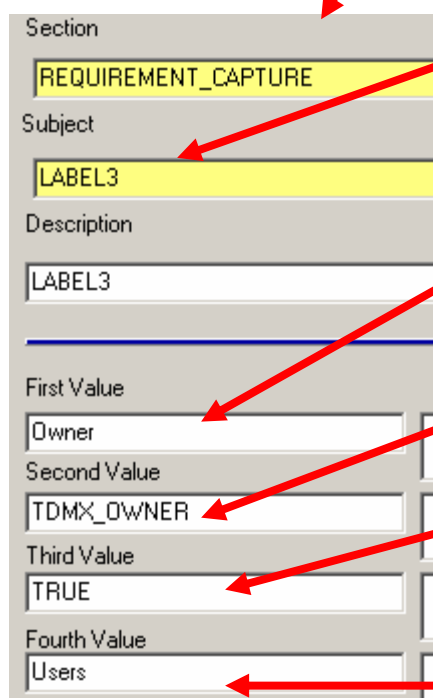
### Example:

You can create a new attribute in the Requirements Super class and add it in the global data form.



The dialog box titled "Global data for this session" contains the following fields:

- Global Data
  - Delivery Date: 01/09/2006
  - Source: [empty]
  - Owner: joe (highlighted with a red oval)
  - Req Matur. Stage: Needs Review
- Default Capture Project: PROJ-0016
- Buttons: Ok, Cancel



The configuration form for the REQUIREMENT\_CAPTURE section includes the following fields:

- Section: REQUIREMENT\_CAPTURE
- Subject: LABEL3
- Description: LABEL3
- First Value: Owner
- Second Value: TDMX\_OWNER
- Third Value: TRUE
- Fourth Value: Users

1) Subject LABELx defines the x<sup>th</sup> attribute to have a default value. x goes from 1 to 12. This value is also used to place the controls within the global data dialog box (first column gets LABELs from 1 to 6, and second gets LABELs from 7 to 12).

2) Define the « Caption »: What the user will see in the form.

3) Define the attribute Name. This is the column name in the table of the database.

4) FALSE if second Value is at requirement level (no indirection); TRUE if second value is an indirect value (Ref to class). In the given example, TDMX\_OWNER is a reference to an object from the class Users, so this field must be set tot TRUE

5) If third value is TRUE, that is, attribute is a reference to a class, name of the referenced class; otherwise empty.

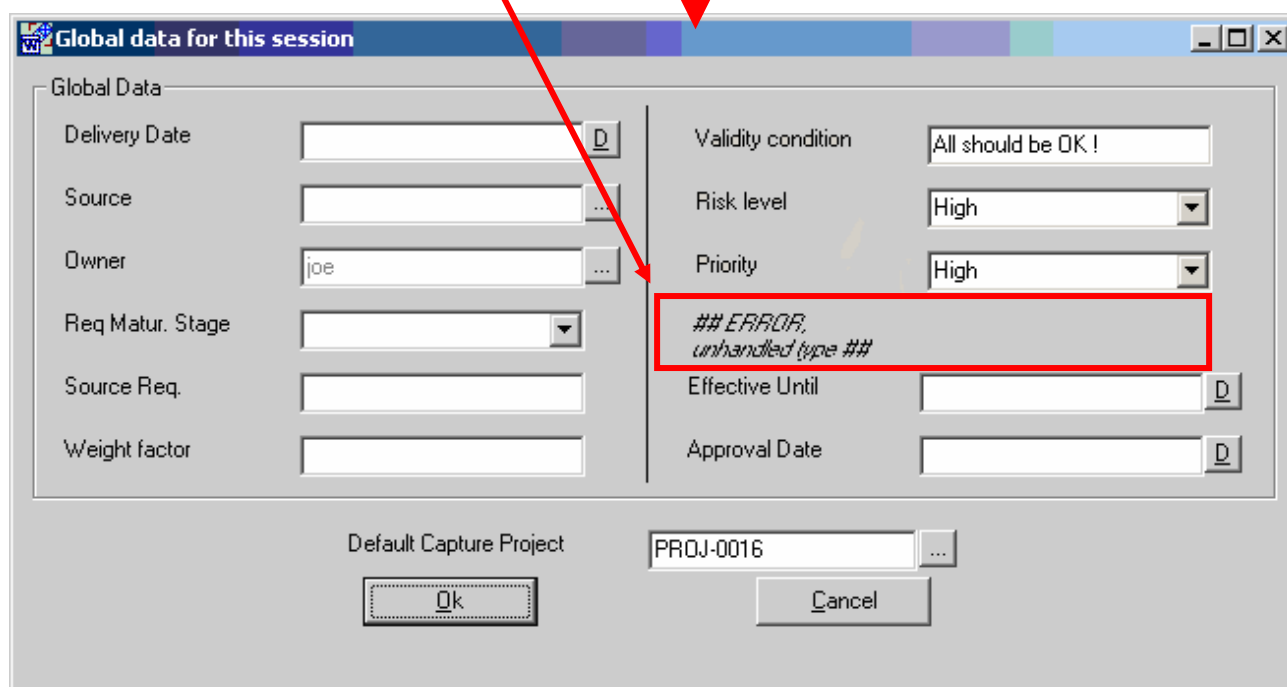
### Notes:

- If an admin setting (LABELx) is wrongly defined (error in the name of the attribute in second value, error in third value, missing or wrong or invalid name in the fourth value) an error message is raised to the user.

- The fields chosen to have their controls automatically filled in with the default values should be chosen with care, because:
  - Some attributes (like revision, or Identifier or state) are automatically managed and filled in by SmarTeam, and therefore should not be available to the user for modification.
  - Some attributes are automatically initialized by scripts just after the creation of the object in SmarTeam. So default value that may appear in the profile card when creating the object will be later on overridden by the script.
  - Some attributes are internal ones, and should not be available for editing.
- The look of the global data dialog box will depend on the number and types of the attributes defined in the “Requirements Capture Settings”.

For example:

Subject	First Value	Second Value	Third Value	Fourth Value
LABEL1	Delivery Date	CN_DELIVERY_DATE	FALSE	
LABEL2	Source	TDMX_SUBMITTED_BY	TRUE	Contacts
LABEL3	Owner	TDMX_OWNER	TRUE	Users
LABEL4	Req Matur. Stage	TDMX_MATURITY_STAGE	FALSE	
LABEL5	Source Req	TDMX_SOURCE_REQUIREMENT	FALSE	
LABEL6	Weight factor	TDMX_WEIGHT_FACTOR	FALSE	
LABEL7	Validity condition	TDMX_VALUE_VALIDITY_COND	FALSE	
LABEL8	Risk Level	TDMX_VALUE	FALSE	
LABEL9	Priority	TDMX_PRIORITY	FALSE	
LABEL10	Date 1st rev (timestamp)	TDM_ORG_CREATEDATE	FALSE	
LABEL11	Effective Until	EFFECTIVE_UNTIL	FALSE	
LABEL12	Approval Date	APPROVAL_DATE	FALSE	



Global data for this session

Global Data

Delivery Date

Source

Owner

Req Matur. Stage

Source Req.

Weight factor

Validity condition

Risk level

Priority






## ERROR, unhandled type ##

Effective Until

Approval Date

Default Capture Project

Ok Cancel

- In the previous example, LABEL10 has been defined to an unsupported type in the admin settings: the correspondent field in the dialog box has been set to “## ERROR, unhandled type ##”, and no edit control is available.
- List of attributes types and their corresponding graphical controls:
  - Boolean → a checkbox 
  - Text fields (char, memo) and numerical values (small int, integer and double) → a textfield: . When the user validates the dialog, a control is done regarding numerical values. The control may give a false warning, and the user has the choice to ignore this warning, and continue with the value he has filled in.
  - Lookups → a combobox 
  - Ref to Class → un-editable text field and a browse button . When user clicks on the browse button, he gets the list of available queries. He has to run the correct one, which is the one that will give objects of the awaited class (otherwise he will get an error dialog box).
  - Date fields → un-editable text field and a browse Button 

#### • **FORBIDDEN Subject**

Forbid or not the usage of capture operation.

**First value:** FALSE/TRUE, if set to TRUE the capture operation can not be done

#### • **CAPTURE\_DESTINATION Subject**

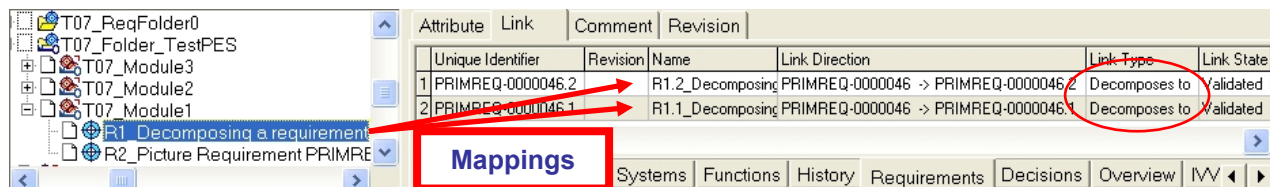
Gives the destination field where the captured content is copied.

**First value:** Destination field to copy the captured content



### 3.4. UC 4: Modifying Decomposition Mappings

When decomposing a requirement, there are some mappings between the original requirement and the decomposed requirements:



Attribute	Link	Comment	Revision
Unique Identifier	Revision	Name	Link Direction
1	PRIMREQ-0000046.2	R1.2_Decomposing	PRIMREQ-0000046 -> PRIMREQ-0000046.2
2	PRIMREQ-0000046.1	R1.1_Decomposing	PRIMREQ-0000046 -> PRIMREQ-0000046.1

**Mappings**

Systems Functions History Requirements Decisions Overview IVV

For example, all the decomposed requirements have the same list of attributes as the original requirement:

Scope (*Industry Standard*)

Quality (*Complete*)

Class (*Functional*)

...

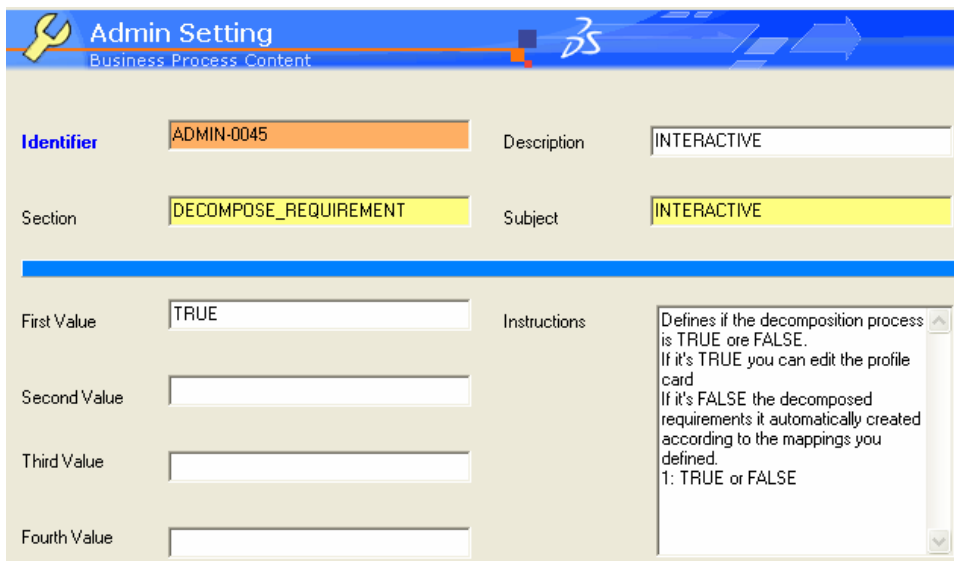
- ☐ Decompose Requirement Settings
  - ☐ Derived Requirement Decomposition Mappings
  - ☐ Primary Requirement Decomposition Mappings
  - ☐ INTERACTIVE

The decomposition process can be customized through admin settings:

You can define the mappings (see further for detail)

You can define the decomposition behavior:

- ◇ If you want to create the decomposed requirement automatically when clicking on the decomposition icon => **INTERACTIVE = FALSE.**
- ◇ If you want to be able to modify the decomposed requirement profile card before effectively creating it => **INTERACTIVE = TRUE.**



**Admin Setting**  
Business Process Content

Identifier: ADMIN-0045 Description: INTERACTIVE

Section: DECOMPOSE\_REQUIREMENT Subject: INTERACTIVE

First Value: TRUE Instructions: Defines if the decomposition process is TRUE or FALSE. If it's TRUE you can edit the profile card. If it's FALSE the decomposed requirements it automatically created according to the mappings you defined. 1: TRUE or FALSE

Second Value:

Third Value:

Fourth Value:



- ◇ If you want to make the decomposition link automatically => **INTERACTIVE\_LINK\_CONTROL = FALSE** value should be used when Link Control is not hooked on Requirement – Requirement relation
- ◇ If you want to be able to modify the decomposition link once created => **INTERACTIVE\_LINK\_CONTROL = TRUE** (this setting value should be used when Link Control is hooked on Requirement – Requirement relation).

In order to define the destination module where the derived/decomposed requirements will be put, you have to use the following Admin Settings:

• **DERIVATION MODULE Subject**

Define the name of the module used to store the derived requirements.

**First value:** Name of the derivation module

• **DECOMPOSITION MODULE Subject**

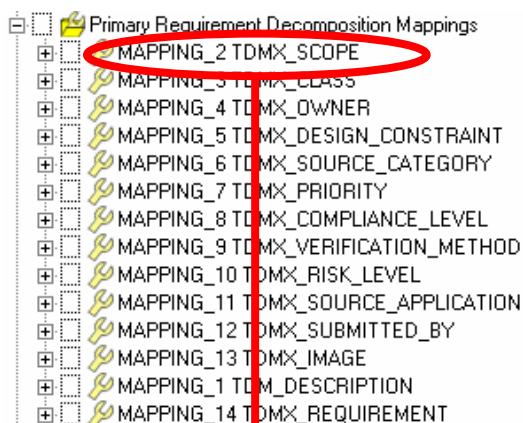
Define the name of the module used to store the decomposed requirements.

**First value:** Name of the decomposition module



Mappings are defined into admin settings objects; so you can customize theses mappings freely. There is two different kinds of mappings:



1. **Mappings you launch when decomposing a primary requirement**



Admin settings:


**Admin Setting**


Business Process Content

<b>Identifier</b>	ADMIN-0033	<b>Description</b>	MAPPING_2 TDMX_SCOPE
<b>Section</b>	SOURCE_REQUIREMENT_MAPPINGS	<b>Subject</b>	MAPPING_2

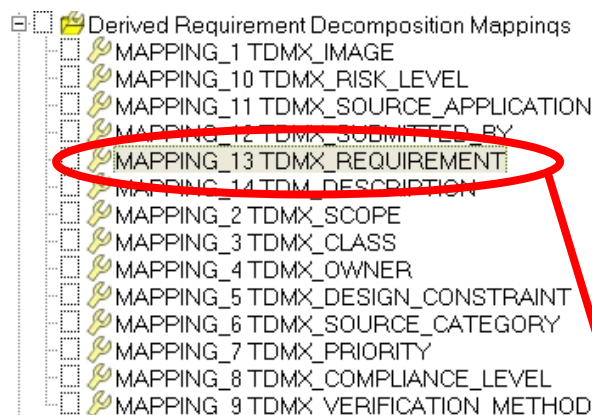
<b>First Value</b> <input type="text" value="TDMX_SCOPE"/>	<b>Instructions</b> <div style="border: 1px solid #ccc; padding: 5px; font-size: 0.9em;">                     Defines the mappings when decomposing a derived requirement:                      1 : Attribute of the source requirements                      2 : Attribute of the decomposed requirements                      To add more mappings add another admin setting with incremented subject name (last digit)                      If you delete a mapping rename all the subject name of your mappings like this:                 </div>
<b>Second Value</b> <input type="text" value="TDMX_SCOPE"/>	
<b>Third Value</b> <input type="text"/>	
<b>Fourth Value</b> <input type="text"/>	


*This admin setting specifies that the **TDMX\_SCOPE attribute (Second Value)** of the decomposed requirement will be the same as the **TDMX\_SCOPE attribute (First Value)** of the original requirement (see instructions field for detail).*



## 2. Mappings you launch when decomposing a derived requirement

Admin settings:




**Admin Setting**  
 Business Process Content

**Identifier**  
 ADMIN-0182  
 Section  
 REQUIREMENT\_MAPPINGS  
 Subject  
 MAPPING\_13  
 Description  
 MAPPING\_13 TDMX\_REQUIREMENT

First Value	Specific Values Description
TDMX_REQUIREMENT	
TDMX_SOURCE_REQUIREMENT	

Setting Description  
 Defines the mappings when decomposing a derived requirement:  
 1 : Attribute of the source requirements  
 2 : Attribute of the decomposed requirements

This admin setting specifies that the **TDMX\_SOURCE\_REQUIREMENT** attribute (Second Value) of the decomposed requirement will be the same as the **TDMX\_REQUIREMENT** attribute (First Value) of the original requirement (see instructions field for detail).

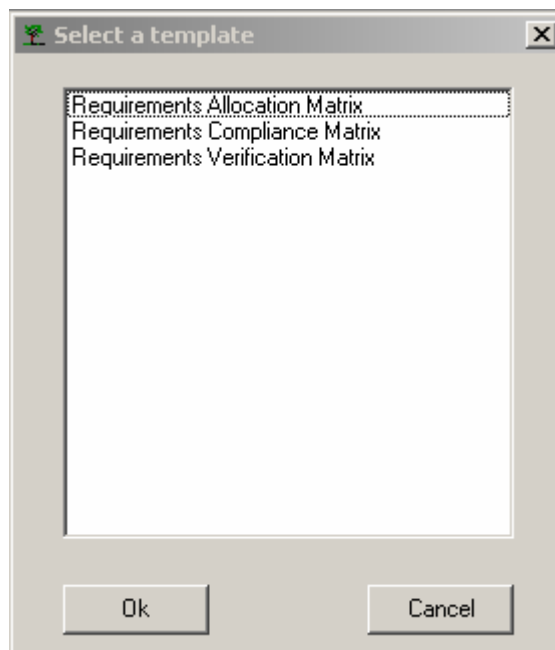
### Notes

The behavior of the decompose function is fully customizable, so you can customize it by changing the appropriate Admin Settings.  
For example you can add a new attribute in the requirements super class and define a mapping for this attribute.



### 3.5. UC 5: Modifying Matrix Report

CSE is providing the ability to generate matrixes reports from the database, these reports are fully customizable and you can define as many reports as you need (3 reports are implemented by default)  
Those matrices are available from the following GUI:



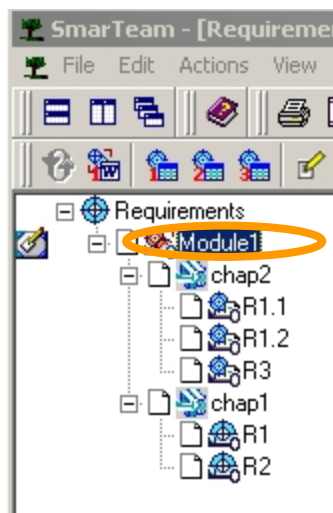
Example:

The requirement verification matrix is providing in a compact form all the information related to the requirements list. This matrix is required during the validation loop.

By default CSE provide the matrix with the following attributes, but you can completely customize this matrix:

 **The requirement verification matrix default attributes (Admin settings) :**

-  ID
-  Requirement
-  Class
-  Value
-  Quality
-  Priority
-  Origin
-  Maturity stage
-  Owner
-  Linked requirements



From a selection in the requirements tree (i.e a Module1) you click on the “Requirement Verification Matrix” Icon and you will get the resulting matrix

ID	Requirement	Class	Value	Quality	Priority	Origin	Maturity Stage	Owner	Linked requirements
PRIMREQ-0000019	Requirement R1	Functional		Default	High	External	Needs Review	joe	DERIVREQ-0000009 DERIVREQ-0000008
PRIMREQ-0000020	Requirement R2	Functional		Default	Medium	Regulation	Needs Review	joe	DERIVREQ-0000007
DERIVREQ-0000007	Requirement R3	Performance		Default	Low	Internal	Needs Review	joe	PRIMREQ-0000020
DERIVREQ-0000008	Requirement decomposition from R1	Information		Default	Low		Needs Review	joe	PRIMREQ-0000019
DERIVREQ-0000009	Requirement decomposition from R1	Functional		Default	High		Needs Review	joe	PRIMREQ-0000019

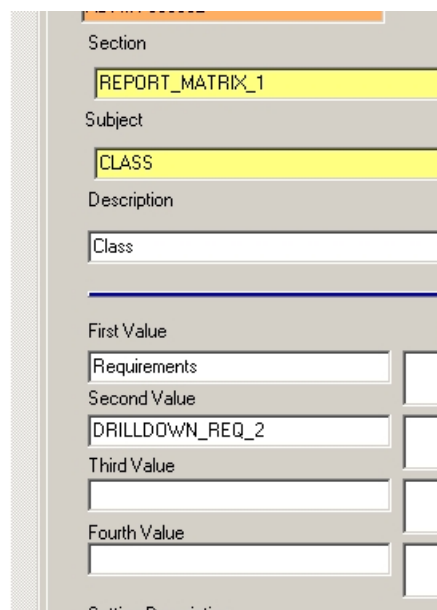
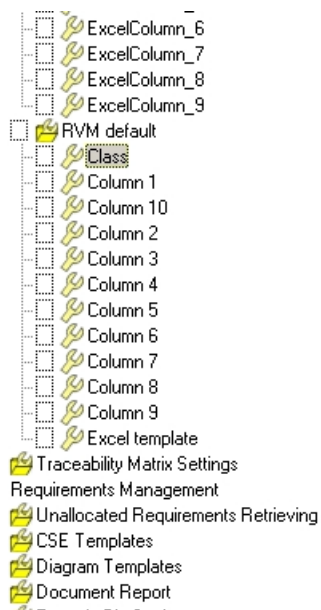
For each matrix, there is a set of admin settings specifying the attributes to publish and the template to use for publication.

So you can Add / Remove the attributes you want from the matrixes just by modifying the admin setting defined in the sections below:

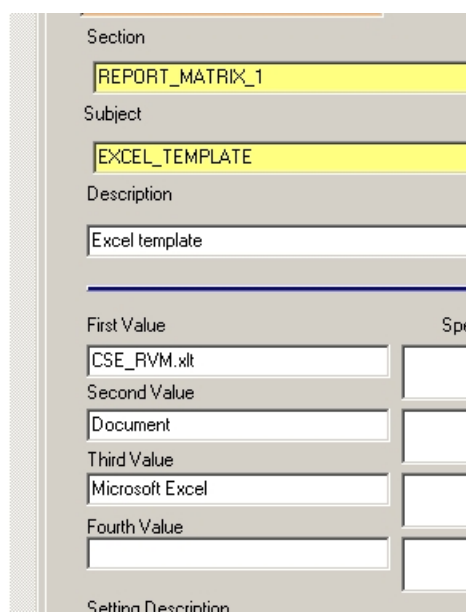
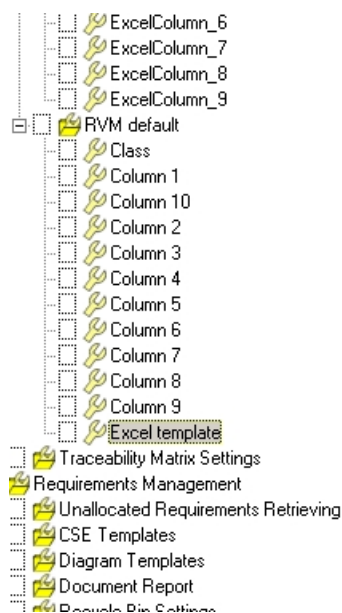
## Notes

The attributes defined in the different EXCEL\_COLUMN\_... admin settings must belong to the class defined by the CLASS admin setting. The use of subclass attributes is not supported.

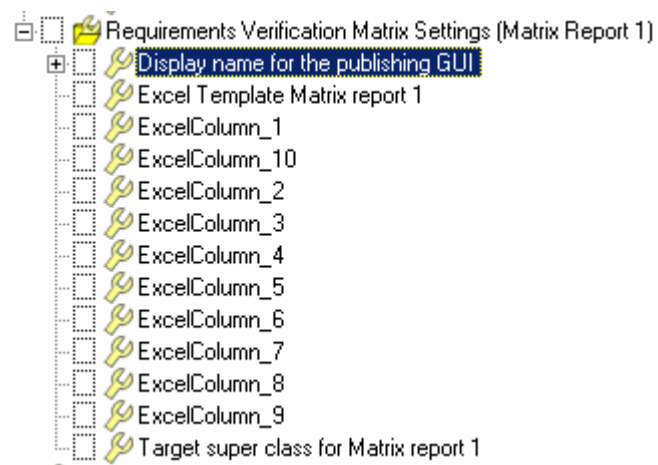
## • CLASS



## • EXCEL\_TEMPLATE



## • GUI\_DISPLAY\_NAME



### Admin Setting

Business Process Content

**Identifier**

ADMIN-000592

Section

REPORT\_MATRIX\_1

Subject

GUI\_DISPLAY\_NAME

Description

Display name for the publishing GUI

---

First Value

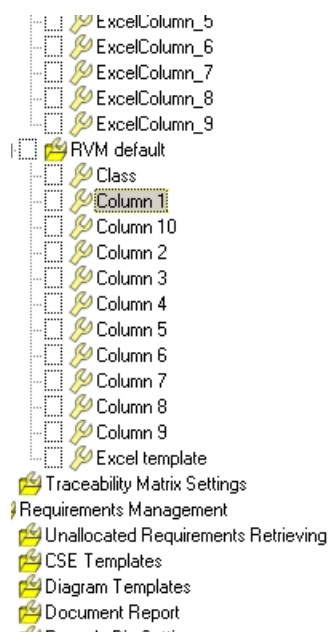
Requirements Verification Matrix

Second Value

Third Value

Fourth Value

## • EXCEL\_COLUMN\_1



ADMIN-000533

Section

REPORT\_MATRIX\_1

Subject

EXCEL\_COLUMN\_1

Description

Column 1

---

First Value

TDM\_ID

Second Value

ID

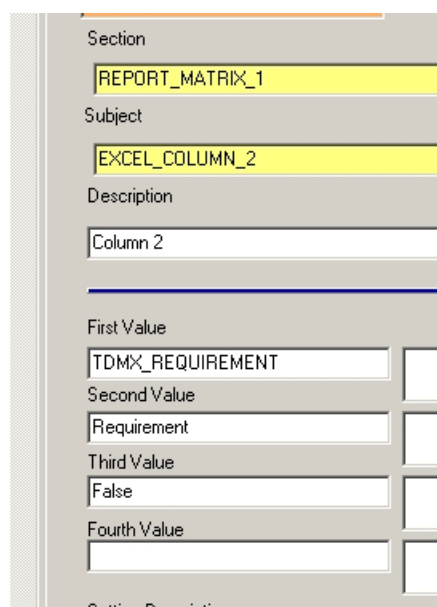
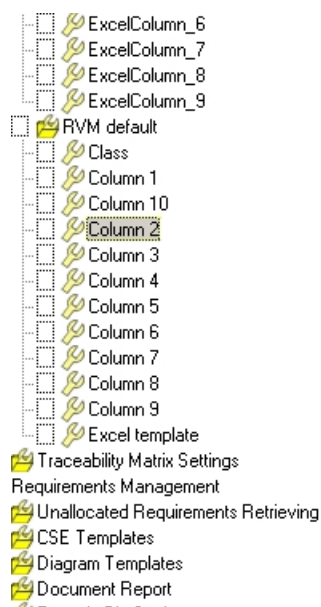
Third Value

False

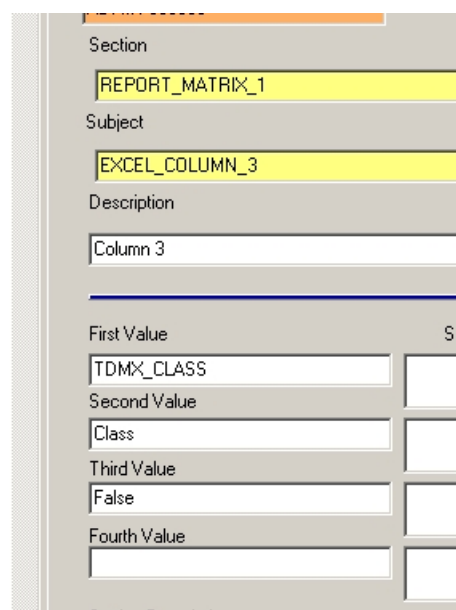
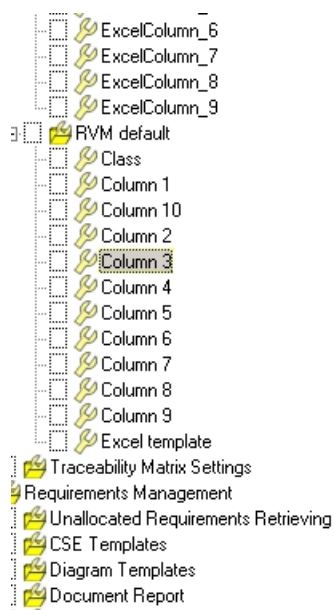
Fourth Value

Setting Description

## • EXCEL\_COLUMN\_2

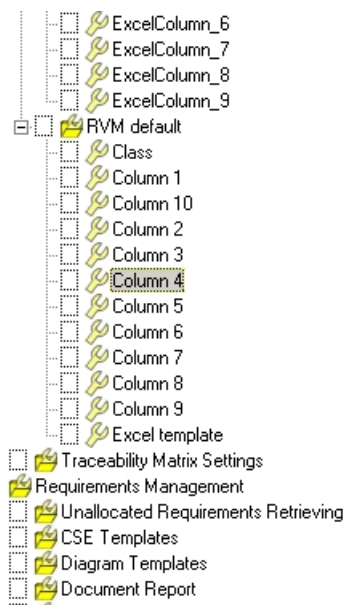


## • EXCEL\_COLUMN\_3



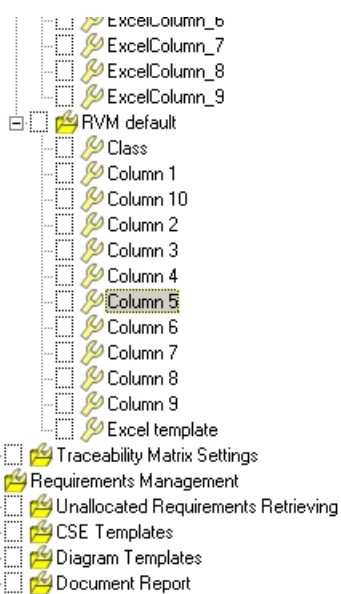


## • EXCEL\_COLUMN\_4



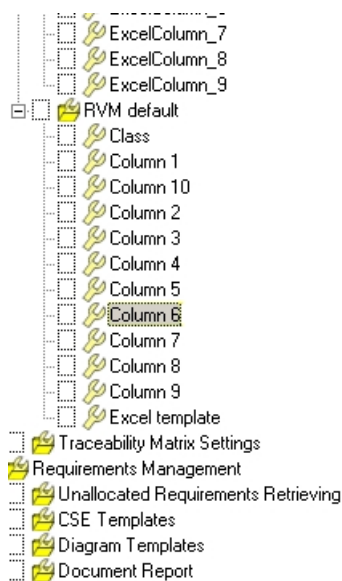
Section	REPORT_MATRIX_1
Subject	EXCEL_COLUMN_4
Description	Column 4
First Value	TDMX_VALUE
Second Value	Value
Third Value	False
Fourth Value	

## • EXCEL\_COLUMN\_5



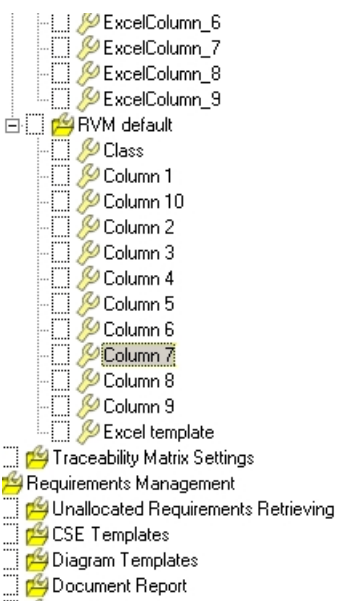
Section	REPORT_MATRIX_1
Subject	EXCEL_COLUMN_5
Description	Column 5
First Value	TDMX_QUALITY
Second Value	Quality
Third Value	False
Fourth Value	

## • EXCEL\_COLUMN\_6



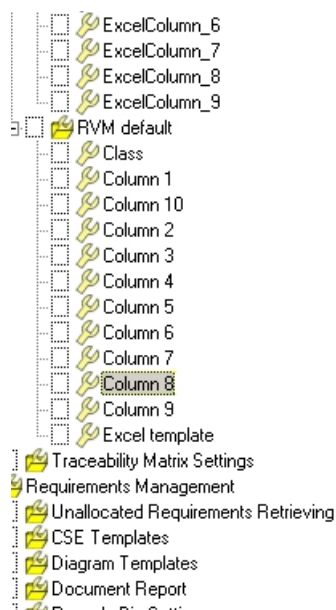
Section	REPORT_MATRIX_1
Subject	EXCEL_COLUMN_6
Description	Column 6
First Value	TDMX_PRIORITY
Second Value	Priority
Third Value	False
Fourth Value	

## • EXCEL\_COLUMN\_7



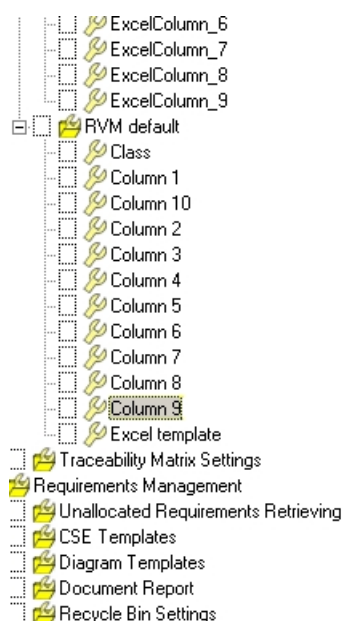
Section	REPORT_MATRIX_1
Subject	EXCEL_COLUMN_7
Description	Column 7
First Value	TDMX_SOURCE_CATEGORY
Second Value	Origin
Third Value	False
Fourth Value	

## • EXCEL\_COLUMN\_8



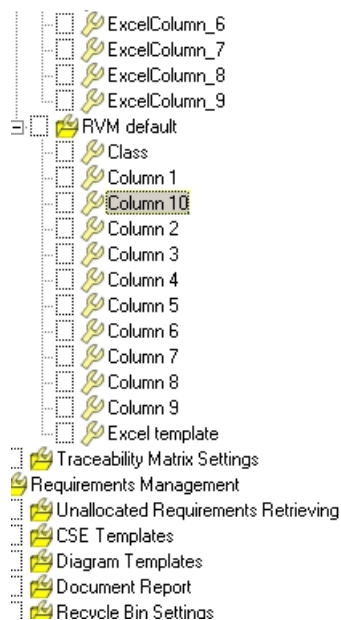
Section	
REPORT_MATRIX_1	
Subject	
EXCEL_COLUMN_8	
Description	
Column 8	
First Value	Spe
TDMX_MATURITY_STAGE	
Second Value	
Maturity Stage	
Third Value	
False	
Fourth Value	
Setting Description	

## • EXCEL\_COLUMN\_9



Section	
REPORT_MATRIX_1	
Subject	
EXCEL_COLUMN_9	
Description	
Column 9	
First Value	Specific
TDMX_OWNER	
Second Value	
Owner	
Third Value	
False	
Fourth Value	
Setting Description	

## • EXCEL\_COLUMN\_10

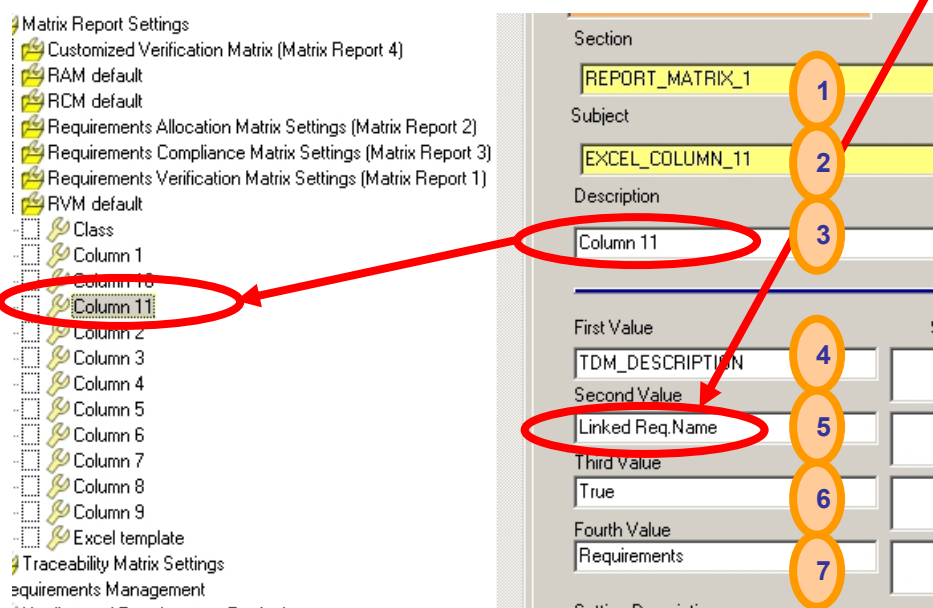


Section	
REPORT_MATRIX_1	
Subject	
EXCEL_COLUMN_10	
Description	
Column 10	
First Value	Spe
TDM_ID	
Second Value	
Linked requirements	
Third Value	
True	
Fourth Value	
Requirements	
Setting Description	

For Example in the Verification Matrix report you can add any attribute at the requirement level, but you can also add any attribute of the linked object.

In this example we add the Requirement Name (attribute TDM\_DESCRIPTION) of the linked requirement:

ID	Requirement	Class	Value	Quality	Priority	Origin	Maturity Stage	Owner	Linked requirements	Linked Req Name
PRIMREQ-0000019	Primary requirement R1 second line	Functional		Default	High	External	Needs Review	joe	DERIVREQ-0000008 DERIVREQ-0000009	R1.1 R1.2
PRIMREQ-0000020	Primary requirement R2 second line	Functional		Default	Medium	Regulation	Needs Review	joe	DERIVREQ-0000007	R3
DERIVREQ-0000007	Requirement R3	Performance		Default	Low	Internal	Needs Review	joe	PRIMREQ-0000020	R3
DERIVREQ-0000008	Requirement decomposition	Information		Default	Low		Needs Review	joe	PRIMREQ-0000019	R1
DERIVREQ-0000009	Requirement decomposition	Functional		Default	High		Needs Review	joe	PRIMREQ-0000019	R1



1 The matrix section:  
REPORT\_MATRIX\_1

2 The subject :  
EXCEL\_COLUMN\_11

3 The description of admin  
setting: Column 11 (of matrix)

4 The attribute name:  
TDM\_DESCRIPTION

5 The caption displayed for attribute  
name: Linked Req.Name

6 The attribute to print is for  
linked object: TRUE

7 Name of super class of linked object  
: Requirements

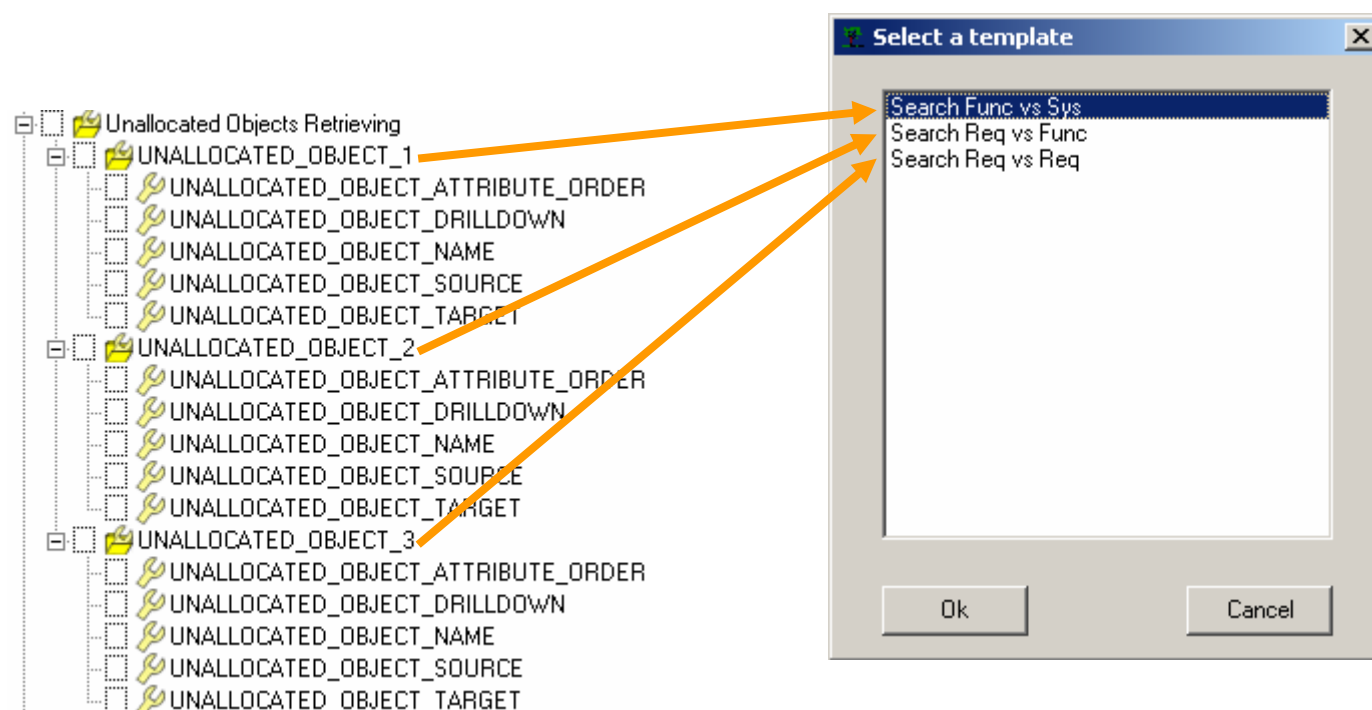


### 3.6. UC 6: Modifying Unallocated Objects

CSE is providing the capabilities to find in a specific project all the objects from a class that are not allocated to object from another class.

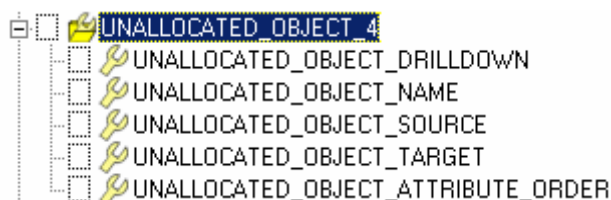
This function is querying the database and retrieving all the objects that are not linked to the specified object:

You can add as many unallocated queries as you want thru admin settings:



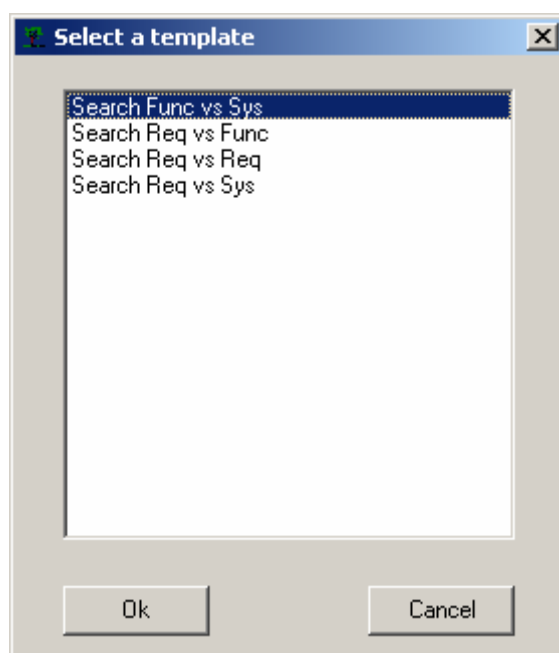
Example:

Lets add a new query between for requirements not allocated to systems  
New admin Settings have to de defined as below:



Unallocated\_Object\_Name is set to Search Req vs Sys, Unallocated\_Object\_Source is set to Requirements and Unallocated\_Object\_Target is set to Systems.

Then the Unallocated Objects window appears as below.





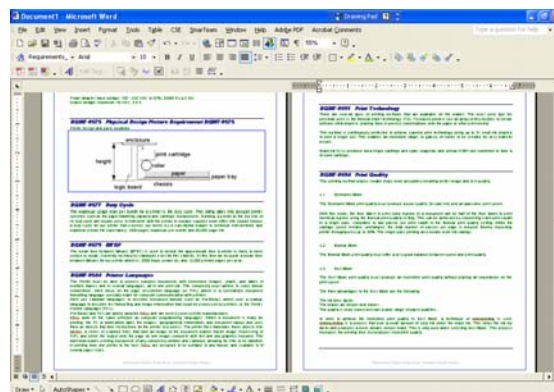
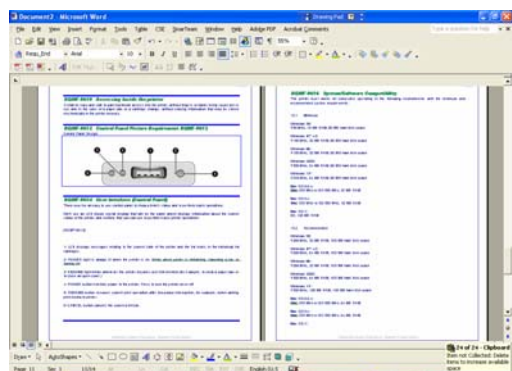
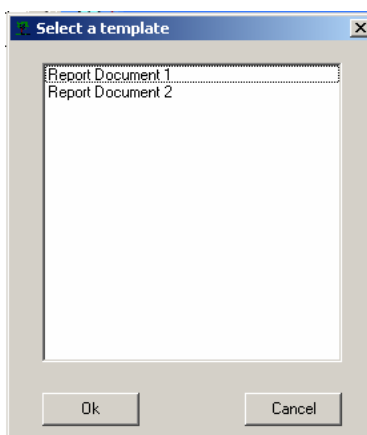
### 3.7. UC 7: Modifying Document Report

CSE is providing the ability to generate customizable Word report; you can fully customize the content and the layout of the report by modifying the admin settings (see next page). You can add new report and defined as many report as you need.

From a module you click on the “Generate Document” Icon and you will get the resulting document.



- mon requ
- nom
- ghdthdthd
- The document including the customer requirements is the :
- asdadad
- This classification will introduce a requirements modification
- This classification gives to the requirements a quality oporic
- If in the requirement are indicated Measure of Performance
- This type concerns the requirements that force the project
- This requirement define the customer project constraints, if
- This type includes all the requirements that define the way





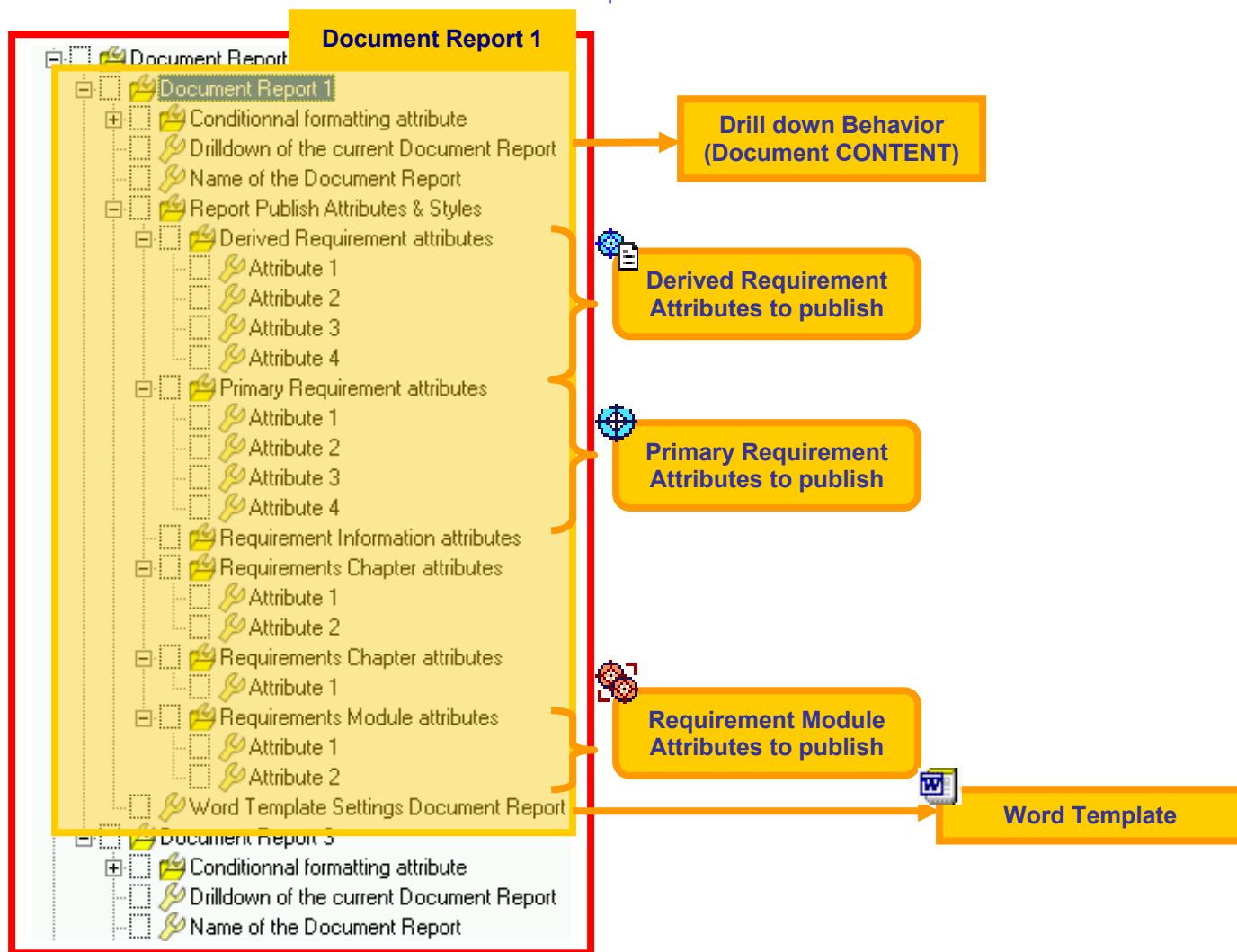
The displayed name is defined thru the following admin setting:

• **GUI DISPLAY NAME Subject**

Define the name of the template displayed in the GUI.

**First value:** Name of the template displayed in the GUI.

To modify the content, layout of a report you need to modify the admin settings related to this report. Here under is the Admin tree for the standard CSE Reports:



The drill down behavior of the document is specifying the way you are going to browse the Requirement tree (cf. Use Case 8 for more detail).

The "Word template" Admin setting is defining the \*.dot file used to publish this report, this Template file need to contain some information:

- ♦ **The necessary styles to publish the Requirements Report.**
- ♦ **The "REQUIREMENTS\_SECTION" bookmark => the position in the document where the requirements will be published.**

For each class that you add in the drilldown behavior (cf. UC 8) you need to specify which attributes you want to publish for this class:



#### Requirement Module :

TDM\_ID

TDM\_DESCRIPTION



#### Primary Requirement:

TDM\_ID

TDM\_DESCRIPTION

TDMX\_SOURCE\_REQUIREMENT



#### Derived Requirement:

TDM\_ID

TDM\_DESCRIPTION

TDMX\_SOURCE\_REQUIREMENT

Example:

For a Primary Requirement you want to publish the following attributes:



Primary Requirement:

TDM\_ID  
TDM\_DESCRIPTION  
TDMX\_SOURCE\_IMAGE  
TDMX\_SOURCE\_REQUIREMENT  
TDMX\_MATURITY\_STAGE

For each attribute it's possible to select the style the prefix and the suffix, so it's possible to fully customize the layout and its look and feel.

Here is an example of a published object and the associated admin settings:

Note: The "conditional attribute" needs to be fulfilled in order to make the report work. Nevertheless it is not considered by the current version of Generate Report functionality

**RQMT-1776**



Fast: Hundreds of tiny nozzles firing at a high frequency allow high-quality printing at high speeds. And with no moving parts other than the ink ejection, you get maximum speed for maximum throughput.

*Fast: Hundreds of tiny nozzles firing at a high frequency allow high-quality printing at high speeds. And with no moving parts other than the ink ejection, you get maximum speed for maximum throughput.*

### Informations

All the following publishing operations can be configured dependently on company processes and automatically formatted by using documents template.

### Recommendation

Refer to ENOVIA SmarTeam documentation for further detail about project.

### Notes

From Microsoft Word, you can also save your document in the database by using the standard ENOVIA SmarTeam Integration.

### 3.8. UC 8: Modifying Drill Down Behavior

Drill Down component allows defining the elements of a tree that we can go thru (DRILLDOWN\_XXX\_DD\_CLASSES) and the elements that you want to export (DRILLDOWN\_XXX\_ADD\_CLASSES).

You can define as many drilldown as you need, and so define several drilldown for a same tree according to the function that uses it.

Below is presented the profil card admin setting object dedicated to the drilldown for requirements class in the context of document generation.

Profile Card
Links
Notes


**Admin Setting**  
Business Process Content


**Identifier**  
ADMIN-0322

Section  
DRILL\_DOWN\_BEHAVIOR

Subject  
DRILLDOWN\_DOC\_DD\_CLASSES\_1



Description  
DRILL\_DOWN\_BEHAVIOR DRILLDOWN\_DOC\_DD\_CLASSES\_1

First Value	Specific Values Description
Requirements Module	
Second Value	
Primary Requirement	
Third Value	
Requirements Chapter	
Fourth Value	
Capture Module	

Setting Description  
Drill down behavior for Requirements Super Classe:  
List of classes to be Drilled Down, to add more than 4 add another admin setting with incremented subject name (last digit)

Info
Long Field
Composition

Profile Card
Links
Notes


**Admin Setting**  
Business Process Content


**Identifier**  
ADMIN-0321

Section  
DRILL\_DOWN\_BEHAVIOR

Subject  
DRILLDOWN\_DOC\_ADD\_CLASSES\_1

Description  
DRILL\_DOWN\_BEHAVIOR DRILLDOWN\_DOC\_ADD\_CLASSES\_1

---

First Value	Specific Values Description
Primary Requirement	
Second Value	
Requirements Module	
Third Value	
Requirements Chapter	
Fourth Value	
Derived Requirement	

Setting Description  
List of classes to be Collected (Added to a report for example), the classes to add must be also defined in the drill down admin settings  
To add more than 4 add another admin setting with incremented subject name (last digit)

Info
Long Field
Composition

## Notes

As you can not add more than four values for an admin setting object, you can a suffix to the subject of Admin Setting so as to define more than four values. For instance, DRILL\_DOWN\_DOC\_ADD\_CLASSES\_1 and DRILL\_DOWN\_DOC\_ADD\_CLASSES\_2


3.9.  
U

## C 9: Modifying Capture from MS Windows Clipboard

Some admin settings allow customizing the behavior of the capture from MS Windows clipboard functionality. So you can define the destination of the clipboard content for every requirements object (primary, derived or information).

The following example shows the admin setting for primary requirement.

Profile Card
Links
Notes


**Admin Setting**  
Business Process Content


**Identifier**

ADMIN-000548

Section

REQUIREMENT\_CLIPBOARD\_CAPTURE

Subject

CLIPBOARD\_CAPTURE\_DESTINATION\_PRIMARY\_REQUIREMENT

Description

CLIPBOARD\_CAPTURE\_DESTINATION\_PRIMARY\_REQUIREMENT

---



First Value	Specific Values Description
TDMX_REQUIREMENT	
Second Value	
Third Value	
Fourth Value	

Setting Description

Info
Long Field
Composition

More over a admin setting is also dedicated to define your current CSE configuration so as to propose you only the available capabilities.

Profile Card
Links
Notes


**Admin Setting**  
Business Process Content


**Identifier**

ADMIN-000567

Section

GENERAL\_PACKAGING

Subject

XML\_EDITION\_SUPPORTED

Description

CSE packaging

---

First Value	Specific Values Description
TRUE	TRUE/FALSE : TRUE if Infopath is used, FALSE otherwise.

Setting Description

Info
Long Field
Composition



## 4. Appendix A - Implementation settings

### 4.1. Administration settings

#### 4.1.1. DECOMPOSE\_REQUIREMENT section

##### SECTION

DECOMPOSE\_REQUIREMENT

##### SUBJECT

DECOMPOSITION\_MODULE

##### INSTRUCTIONS

Defines the Requirements Module used as a "Decomposition Module" by the decomposition process. One such module is created for each project.

1: 'Name' field of the "Decomposition Module". An empty field means : no use of Decomposition Module

2: 'Comments' field of the "Decomposition Module".

**1** Decomposition\_Module

Name of the "Decomposition Module" (empty means : no decomposition module to be used)

**2**

Comments field for the "Decomposition Module"

Requirements in this module are automatically created by the decomposition process, and should be moved into a user's Module or Chapter. [The present module can be put into any Folder or on desktop or nowhere, but the logical link to Project must be kept]

**3**

**4**

##### SECTION

DECOMPOSE\_REQUIREMENT

##### SUBJECT

DERIVATION\_MODULE

##### INSTRUCTIONS

Defines the Requirements Module used as a "Derivation Module" by the derivation process. One such module is created for each project.

1: 'Name' field of the "Derivation Module". An empty field means : no use of Derivation Module

2: 'Comments' field of the "Derivation Module".

**1** Derivation\_Module

Name of the "Derivation Module" (empty means: no derivation module to be used).

**2**

Comments field for the "Derivation Module".

Requirements in this module are automatically created by the derivation process, and should be moved into a user's Module or Chapter. [The present module can be put into any Folder or on desktop or nowhere, but the logical link to Project must be kept].

**3**

**4**

NB: If you use the same name for derivation module and decomposition module, only one module will be created.

NB: If the source requirement does not belong to a project desktop (through its parents), no decomposition or derivation module is used.

**SECTION**  
**DECOMPOSE\_REQUIREMENT**

**SUBJECT**  
**INTERACTIVE**

**INSTRUCTIONS**

Defines whether the decomposition or derivation process is interactive.

If it's TRUE you can edit the profile card

If it's FALSE the decomposed requirements is automatically created according to the mappings you defined, and the derived requirement I automatically created "empty".

1: TRUE or FALSE

1 TRUE

2

3

4

**SECTION**  
**DECOMPOSE\_REQUIREMENT**

**SUBJECT**  
**INTERACTIVE\_LINK\_CONTROL**

**INSTRUCTIONS**

Defines whether interactive link control is to be used for the decomposition or derivation process.

If TRUE : the link control window is open and can be modified - REQUIRES CSE\_CMN to be installed !!!

If FALSE : the link control window is not open and automatic values are used.

1: TRUE or FALSE.

1 TRUE

2

3

4

**4.1.2. DRILL\_DOWN\_BEHAVIOR section**

**SECTION**  
**DRILL\_DOWN\_BEHAVIOR**

**SUBJECT**  
**DRILLDOWN\_DOC\_ADD\_CLASSES\_1**

**INSTRUCTIONS**

List of classes to be Collected (Added to a report for example), the classes to add must be also defined in the drill down admin settings

To add more than 4 add another admin setting with incremented subject name (last digit)

1 Primary Requirement

2 Requirements Module

3 Requirements Chapter

4 Derived Requirement

## SECTION

### DRILL\_DOWN\_BEHAVIOR

- 1 Requirements Module
- 2 Primary Requirement
- 3 Requirements Chapter
- 4 Capture Module

## SUBJECT

### DRILLDOWN\_DOC\_DD\_CLASSES\_1

## INSTRUCTIONS

Drill down behavior for Requirements Super Classe:  
List of classes to be Drilled Down, to add more than 4 add another admin setting with incremented subject name (last digit)

## SECTION

### DRILL\_DOWN\_BEHAVIOR

- 1 Function
- 2
- 3
- 4

## SUBJECT

### DRILLDOWN\_FNC\_1\_ADD\_CLASSES\_1

## INSTRUCTIONS

List of classes to be Collected (Added to a report for example), the classes to add must be also defined in the drill down admin settings  
To add more than 4 add another admin setting with incremented subject name (last digit)

## SECTION

### DRILL\_DOWN\_BEHAVIOR

- 1 Functions Folder
- 2 Function
- 3
- 4

## SUBJECT

### DRILLDOWN\_FNC\_1\_DD\_CLASSES\_1

## INSTRUCTIONS

Drill down behavior for Functions Super Classe:  
List of classes to be Drilled Down, to add more than 4 add another admin setting with incremented subject name (last digit)

## SECTION

### DRILL\_DOWN\_BEHAVIOR

- 1 Primary Requirement
- 2 Derived Requirement
- 3 Requirements Module
- 4 Requirements Folder

## SUBJECT

### DRILLDOWN\_REQ\_1\_ADD\_CLASSES\_1

## INSTRUCTIONS

List of classes to be Collected (Added to a report for example), the classes to add must be also defined in the drill down admin settings  
To add more than 4 add another admin setting with incremented subject name (last digit)

**SECTION**  
**DRILL\_DOWN\_BEHAVIOR**

- 1 Requirements Chapter
- 2 Capture Module
- 3
- 4

**SECTION**  
**DRILL\_DOWN\_BEHAVIOR**

- 1 Requirements Module
- 2 Primary Requirement
- 3 Derived Requirement
- 4 Capture Module

**SECTION**  
**DRILL\_DOWN\_BEHAVIOR**

- 1 Requirements Chapter
- 2 Requirements Folder
- 3
- 4

**SECTION**  
**DRILL\_DOWN\_BEHAVIOR**

- 1 Primary Requirement
- 2 Derived Requirement
- 3 Requirements Information
- 4

**SUBJECT**  
**DRILLDOWN\_REQ\_1\_ADD\_CLASSES\_2**

**INSTRUCTIONS**

List of classes to be Collected (Added to a report for example), the classes to add must be also defined in the drill down admin settings  
To add more than 4 add another admin setting with incremented subject name (last digit)

**SUBJECT**  
**DRILLDOWN\_REQ\_1\_DD\_CLASSES\_1**

**INSTRUCTIONS**

Drill down behavior for Requirements Super Classe:  
List of classes to be Drilled Down, to add more than 4 add another admin setting with incremented subject name (last digit)

**SUBJECT**  
**DRILLDOWN\_REQ\_1\_DD\_CLASSES\_2**

**INSTRUCTIONS**

Drill down behavior for Requirements Super Classe:  
List of classes to be Drilled Down, to add more than 4 add another admin setting with incremented subject name (last digit)

**SUBJECT**  
**DRILLDOWN\_REQ\_2\_ADD\_CLASSES\_1**

**INSTRUCTIONS**

List of classes to be Collected (Added to a report for example), the classes to add must be also defined in the drill down admin settings  
To add more than 4 add another admin setting with incremented subject name (last digit)

**SECTION**  
**DRILL\_DOWN\_BEHAVIOR**

- 1 Requirements Module
- 2 Requirements Chapter
- 3 Capture Module
- 4

**SUBJECT**  
**DRILLDOWN\_REQ\_2\_DD\_CLASSES\_1**

**INSTRUCTIONS**

Drill down behavior for Requirements Super Classe:  
List of classes to be Drilled Down, to add more than 4 add another admin setting with incremented subject name (last digit)

**SECTION**  
**DRILL\_DOWN\_BEHAVIOR**

- 1 System
- 2
- 3
- 4

**SUBJECT**  
**DRILLDOWN\_SYS\_1\_ADD\_CLASSES\_1**

**INSTRUCTIONS**

List of classes to be Collected (Added to a report for example), the classes to add must be also defined in the drill down admin settings  
To add more than 4 add another admin setting with incremented subject name (last digit)

**SECTION**  
**DRILL\_DOWN\_BEHAVIOR**

- 1 Systems Folder
- 2 System
- 3
- 4

**SUBJECT**  
**DRILLDOWN\_SYS\_1\_DD\_CLASSES\_1**

**INSTRUCTIONS**

Drill down behavior for Systems Super Classe:  
List of classes to be Drilled Down, to add more than 4 add another admin setting with incremented subject name (last digit)

### 4.1.3. *REPORT\_COMPARISON section*

**SECTION**  
**REPORT\_COMPARISON**

- 1 CSE\_RCOMP.xlt
- 2 Document
- 3 Microsoft Excel
- 4

**SUBJECT**  
**EXCEL\_TEMPLATE**

**INSTRUCTIONS**

1: The first value defines the name of the Excel template used for publishing the third Report Matrix.

2: The second value defines the class name for Excel documents.

3: The Third value defines the default file type.

## 4.1.4. REPORT\_DOCUMENT\_xxx section

### SECTION REPORT\_DOCUMENT\_1

1 TDM\_DESCRIPTION

2 Requ\_Start

3

4 %CR%

### SUBJECT TN\_DERIVED\_REQUIREMENT\_ATTRIBUTE\_1

#### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"  
2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

### SECTION REPORT\_DOCUMENT\_1

1 TDM\_ID

2 normal %

3

4 %TAB%

### SUBJECT TN\_DERIVED\_REQUIREMENT\_ATTRIBUTE\_2

#### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"  
2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_1

**1** TDMX\_REQUIREMENT

**2** normal

**3** %TAB%

**4** %CR%

## SUBJECT

### TN\_DERIVED\_REQUIREMENT\_ATTRIBUTE\_3

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_1

**1** TDM\_DESCRIPTION

**2** Requirements\_2

**3** %CR%

**4** %CR%

## SUBJECT

### TN\_DERIVED\_REQUIREMENT\_ATTRIBUTE\_4

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_1

- 1 none
- 2 Requ\_End
- 3 %CR%
- 4

## SUBJECT

### TN\_DERIVED\_REQUIREMENT\_ATTRIBUTE\_5

### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- a) Add as copy an existing admin setting of the concerning class (Module...)
- b) Modify the numbering in the Description and Subject Fields
- c) Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_1

- 1 TDM\_DESCRIPTION
- 2 Requirements\_1
- 3 %CR%
- 4 %CR%

## SUBJECT

### TN\_PRIMARY\_REQUIREMENT\_ATTRIBUTE\_1

### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- a) Add as copy an existing admin setting of the concerning class (Module...)
- b) Modify the numbering in the Description and Subject Fields
- c) Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation



## SECTION

### REPORT\_DOCUMENT\_1

- 1 TDMX\_MATURITY\_STAGE
- 2 Requirements
- 3 Maturity Stage:
- 4 %CR%

## SUBJECT

### TN\_PRIMARY\_REQUIREMENT\_ATTRIBUTE\_2

### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- a) Add as copy an existing admin setting of the concerning class (Module...)
- b) Modify the numbering in the Description and Subject Fields
- c) Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_1

- 1 TDMX\_SCOPE
- 2 Requirements\_2
- 3 Scope:
- 4 %CR%

## SUBJECT

### TN\_PRIMARY\_REQUIREMENT\_ATTRIBUTE\_3

### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- a) Add as copy an existing admin setting of the concerning class (Module...)
- b) Modify the numbering in the Description and Subject Fields
- c) Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_1

1 TDMX\_REQUIREMENT

2 Requirements\_1

3 Content:

4 %CR%

## SUBJECT

### TN\_PRIMARY\_REQUIREMENT\_ATTRIBUTE\_4

### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_1

1 TDM\_ID

2 Heading %

3 %CR%

4 %TAB%

## SUBJECT

### TN\_REQUIREMENTS\_MODULE\_ATTRIBUTE\_1

### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_1

1 TDM\_DESCRIPTION

2 Heading %

3

4 %CR%

## SUBJECT

### TN\_REQUIREMENTS\_MODULE\_ATTRIBUTE\_2

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_1

1 TDM\_ID

2 Heading %

3

4 %TAB%

## SUBJECT

### TN\_REQUIREMENTS\_CHAPTER\_ATTRIBUTE\_1

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_1

1 TDM\_DESCRIPTION

2 Heading %

3

4 %CR%

## SUBJECT

### TN\_REQUIREMENTS\_CHAPTER\_ATTRIBUTE\_2

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

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String to write before the attribute value, it could be also some predefined formatting :  
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%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_1

1 TDM\_DESCRIPTION

2 Requirements\_1

3 Name:

4 %CR%

## SUBJECT

### TN\_REQUIREMENTS\_INFORMATIO\_ATTRIBUTE\_1

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_1

1 TDM\_ID

2 Normal

3

4 %CR%

## SUBJECT

### TN\_REQUIREMENTS\_INFORMATIO\_ATTRIBUTE\_2

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_1

1 TDMX\_COMMENTS

2 Normal

3 %CR%

4

## SUBJECT

### TN\_REQUIREMENTS\_INFORMATIO\_ATTRIBUTE\_3

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

**SECTION**  
REPORT\_DOCUMENT\_1

1 CSE\_REPORT\_1.dot

2

3

4

**SECTION**  
REPORT\_DOCUMENT\_1

1 TDMX\_MATURITY\_STAGE

2

3

4

**SECTION**  
REPORT\_DOCUMENT\_1

1 Requirements\_1

2

3

4

**SECTION**  
REPORT\_DOCUMENT\_1

1 DRILLDOWN\_DOC

2

3

4

**SUBJECT**  
WORD\_TEMPLATE

**INSTRUCTIONS**

1: The first value defines the name of the Word template used for publishing documents.

default : CSE\_REPORT\_1.dot

**SUBJECT**  
CONDITIONAL\_FORMATTING\_ATTRIBUTE

**INSTRUCTIONS**

1. the first value defines the conditional attribute name.

The conditional attribute must be part of the superclass.  
This Admin Setting shall be set to make the "Generate Report" functionality work.  
Nevertheless it is not currently considered by the algorithm

**SUBJECT**  
CONDITIONAL\_FORMATTING\_ATTRIBUTE\_VALUE\_1

**INSTRUCTIONS**

1. the first value defines style to apply if the conditional attribute is equal to the value 1 of the lookup table

**SUBJECT**  
REPORT\_DOCUMENT\_DRILLDOWN

**INSTRUCTIONS**

1. the first value defines the drilldown to use for the report 1

**SECTION**  
**REPORT\_DOCUMENT\_1**

- 1 REPORT\_1
- 2
- 3
- 4

**SUBJECT**  
**REPORT\_DOCUMENT\_NAME**  
**INSTRUCTIONS**

1. the first value defines the name of the report 1. This value is not used.

**SECTION**  
**REPORT\_DOCUMENT\_1**

- 1 Document Report 1
- 2
- 3
- 4

**SUBJECT**  
**GUI\_DISPLAY\_NAME**  
**INSTRUCTIONS**

1. the first value defines the name of the report 1 displayed in the publishing GUI.

**SECTION    SUBJECT**  
**REPORT\_DOCUMENT\_2**

- 1 TDM\_DESCRIPTION
- 2 Requ\_Start
- 3
- 4 %CR%

**TN\_DERIVED\_REQUIREMENT\_ATTRIBUTE\_1**  
**INSTRUCTIONS**

Defines the attribute to publish in the report.

To Add new attribute in the report:

- a) Add as copy an existing admin setting of the concerning class (Module...)
- b) Modify the numbering in the Description and Subject Fields
- c) Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_2

- 1 TDM\_ID
- 2 normal %
- 3
- 4 %TAB%

## SUBJECT

### TN\_DERIVED\_REQUIREMENT\_ATTRIBUTE\_2

### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- a) Add as copy an existing admin setting of the concerning class (Module...)
- b) Modify the numbering in the Description and Subject Fields
- c) Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation.

## SECTION

### REPORT\_DOCUMENT\_2

- 1 TDMX\_REQUIREMENT
- 2 normal
- 3 %TAB%
- 4 %CR%

## SUBJECT

### TN\_DERIVED\_REQUIREMENT\_ATTRIBUTE\_3

### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- a) Add as copy an existing admin setting of the concerning class (Module...)
- b) Modify the numbering in the Description and Subject Fields
- c) Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation



## SECTION

### REPORT\_DOCUMENT\_2

1 TDM\_DESCRIPTION

2 Requirements\_2

3 %CR%

4 %CR%

## SUBJECT

### TN\_DERIVED\_REQUIREMENT\_ATTRIBUTE\_4

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_2

1 none

2 Requ\_End

3 %CR%

4

## SUBJECT

### TN\_DERIVED\_REQUIREMENT\_ATTRIBUTE\_5

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_2

1 TDM\_DESCRIPTION

2 Requirements\_1

3 %CR%

4 %CR%

## SUBJECT

### TN\_PRIMARY\_REQUIREMENT\_ATTRIBUTE\_1

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_2

1 TDMX\_MATURITY\_STAGE

2 Requirements

3 Maturity Stage:

4 %CR%

## SUBJECT

### TN\_PRIMARY\_REQUIREMENT\_ATTRIBUTE\_2

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_2

1 TDMX\_SCOPE

2 Requirements\_2

3 Scope:

4 %CR%

## SUBJECT

### TN\_PRIMARY\_REQUIREMENT\_ATTRIBUTE\_3

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_2

1 TDMX\_REQUIREMENT

2 Requirements\_1

3 Content:

4 %CR%

## SUBJECT

### TN\_PRIMARY\_REQUIREMENT\_ATTRIBUTE\_4

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_2

- 1 TDM\_ID
- 2 Heading %
- 3
- 4 %TAB%

## SUBJECT

### TN\_REQUIREMENTS\_MODULE\_ATTRIBUTE\_1

### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- a) Add as copy an existing admin setting of the concerning class (Module...)
- b) Modify the numbering in the Description and Subject Fields
- c) Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_2

- 1 TDM\_DESCRIPTION
- 2 Heading %
- 3
- 4 %CR%

## SUBJECT

### TN\_REQUIREMENTS\_MODULE\_ATTRIBUTE\_2

### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- a) Add as copy an existing admin setting of the concerning class (Module...)
- b) Modify the numbering in the Description and Subject Fields
- c) Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_2

1 TDM\_MATURITY\_STAGE

2 normal

3 %CR%

4 %CR%

## SECTION

### REPORT\_DOCUMENT\_2

1 TDM\_ID

2 Heading %

3

4 %TAB%

## SECTION

### REPORT\_DOCUMENT\_2

1 TDM\_DESCRIPTION

2 Heading %

3

4 %CR%

## SUBJECT

### TN\_REQUIREMENTS\_MODULE\_ATTRIBUTE\_3

## INSTRUCTIONS

Defines the name of the Word template style.

## SUBJECT

### TN\_REQUIREMENTS\_CHAPTER\_ATTRIBUTE\_1

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

a) Add as copy an existing admin setting of the concerning class (Module...)

b) Modify the numbering in the Description and Subject Fields

c) Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute

Use the character % to specify a style according to the object level, example:

Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :

String to write before the attribute value, it could be also some predefined formatting :

%CR% -> Carriage return

%TAB% -> Tabulation

4: Suffix :

String to write after the attribute value, it could be also some predefined formatting :

%CR% -> Carriage return

%TAB% -> Tabulation

## SUBJECT

### TN\_REQUIREMENTS\_CHAPTER\_ATTRIBUTE\_2

## INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

a) Add as copy an existing admin setting of the concerning class (Module...)

b) Modify the numbering in the Description and Subject Fields

c) Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute

Use the character % to specify a style according to the object level, example:

Heading % to have a specific heading for each chapter and sub

chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION REPORT\_DOCUMENT\_2

1 TDM\_DESCRIPTION

2 Requirements\_1

3 Name:

4 %CR%

## SUBJECT TN\_REQUIREMENTS\_INFORMATIO\_ATTRIBUTE\_1

### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION REPORT\_DOCUMENT\_2

1 TDM\_ID

2 Normal

3

4 %CR%

## SUBJECT TN\_REQUIREMENTS\_INFORMATIO\_ATTRIBUTE\_2

### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:

Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_2

1 TDMX\_COMMENTS

2 Normal

3 %CR%

4

## SUBJECT

### TN\_REQUIREMENTS\_INFORMATIO\_ATTRIBUTE\_3

### INSTRUCTIONS

Defines the attribute to publish in the report.

To Add new attribute in the report:

- Add as copy an existing admin setting of the concerning class (Module...)
- Modify the numbering in the Description and Subject Fields
- Modify the admin setting values according to the guideline below:

1: Name of the attribute to publish or "none" if their is no attribute to publish"

2: Name of the Word style used to publish the attribute  
Use the character % to specify a style according to the object level, example:  
Heading % to have a specific heading for each chapter and sub chapter

3: Prefix :  
String to write before the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

4: Suffix :  
String to write after the attribute value, it could be also some predefined formatting :  
%CR% -> Carriage return  
%TAB% -> Tabulation

## SECTION

### REPORT\_DOCUMENT\_2

1 CSE\_REPORT\_2.dot

2

3

4

## SUBJECT

### WORD\_TEMPLATE

### INSTRUCTIONS

1: The first value defines the name of the Word template used for publishing documents.  
default : CSE\_REPORT\_2.dot

**SECTION**  
REPORT\_DOCUMENT\_2

1 TDMX\_MATURITY\_STAGE

2

3

4

**SUBJECT**  
CONDITIONAL\_FORMATTING\_ATTRIBUTE

**INSTRUCTIONS**

1. the first value defines the conditional attribute name.

The conditional attribute must be part of the superclass.  
This Admin Setting shall be set to make the "Generate Report" functionality work.  
Nevertheless it is not currently considered by the algorithm

**SECTION**  
REPORT\_DOCUMENT\_2

1 Requirements\_1

2

3

4

**SUBJECT**  
CONDITIONAL\_FORMATTING\_ATTRIBUTE\_VALUE\_1

**INSTRUCTIONS**

1. the first value defines style to apply if the conditional attribute is equal to the value 1 of the lookup table

**SECTION**  
REPORT\_DOCUMENT\_2

1 DRILLDOWN\_DOC

2

3

4

**SUBJECT**  
REPORT\_DOCUMENT\_DRILLDOWN

**INSTRUCTIONS**

1. the first value defines the drilldown to use for the report 2

**SECTION**  
REPORT\_DOCUMENT\_2

1 REPORT\_2

2

3

4

**SUBJECT**  
REPORT\_DOCUMENT\_NAME

**INSTRUCTIONS**

1. the first value defines the name of the report 2. This value is not used.



**SECTION**  
**REPORT\_DOCUMENT\_2**

- 1 Document Report 2
- 2
- 3
- 4

**SUBJECT**  
**GUI\_DISPLAY\_NAME**

**INSTRUCTIONS**

1. the first value defines the name of the report 2 displayed in the publishing GUI.

### 4.1.5. *REPORT\_MATRIX\_xxx section*

**SECTION**  
**REPORT\_MATRIX\_1**

- 1 Requirements
- 2 DRILLDOWN\_REQ\_2
- 3
- 4

**SUBJECT**  
**CLASS**

**INSTRUCTIONS**

- This admin setting defines the class of objects reported in matrix
- 1: The class of objects to report
  - 2: The name of Drilldown used to parse the class objects. It is defined in DRILL\_DOWN\_BEHAVIOR section
  - 3: Unused
  - 4: Unused

**SECTION**  
**REPORT\_MATRIX\_1**

- 1 TDM\_ID
- 2 ID
- 3 FALSE
- 4

**SUBJECT**  
**EXCEL\_COLUMN\_1**

**INSTRUCTIONS**

- This admin setting define the first column of the Report Matrix 1
- 1: The First value define the name of the attribute .
  - 2: The second value define the caption into the excel cell.
  - 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
  - 4: Name of the linked super class if the third value is TRUE

**SECTION**  
**REPORT\_MATRIX\_1**

- 1 TDM\_ID
- 2 Linked Requirements
- 3 TRUE
- 4 Requirements

**SUBJECT**  
**EXCEL\_COLUMN\_10**

**INSTRUCTIONS**

- This admin setting define the column 10 of the Report Matrix 1
- 1: The First value define the name of the attribute .
  - 2: The second value define the caption into the excel cell.
  - 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
  - 4: Name of the linked super class if the third value is TRUE

## SECTION REPORT\_MATRIX\_1

- 1 TDMX\_REQUIREMENT
- 2 Requirement
- 3 FALSE
- 4

## SECTION REPORT\_MATRIX\_1

- 1 TDMX\_CLASS
- 2 Class
- 3 FALSE
- 4

## SECTION REPORT\_MATRIX\_1

- 1 TDMX\_VALUE
- 2 Value
- 3 FALSE
- 4

## SECTION REPORT\_MATRIX\_1

- 1 TDMX\_QUALITY
- 2 Quality
- 3 FALSE
- 4

## SUBJECT EXCEL\_COLUMN\_2

### INSTRUCTIONS

This admin setting define the second column of the Report Matrix 1

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SUBJECT EXCEL\_COLUMN\_3

### INSTRUCTIONS

This admin setting define the third column of the Report Matrix 1

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SUBJECT EXCEL\_COLUMN\_4

### INSTRUCTIONS

This admin setting define the fourth column of the Report Matrix 1

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SUBJECT EXCEL\_COLUMN\_5

### INSTRUCTIONS

This admin setting define the column 5 of the Report Matrix 1

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SECTION

### REPORT\_MATRIX\_1

- 1 TDMX\_PRIORITY
- 2 Priority
- 3 FALSE
- 4

## SUBJECT

### EXCEL\_COLUMN\_6

### INSTRUCTIONS

This admin setting define the column 6 of the Report Matrix 1

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SECTION

### REPORT\_MATRIX\_1

- 1 TDMX\_SOURCE\_CATEGORY
- 2 Origin
- 3 FALSE
- 4

## SUBJECT

### EXCEL\_COLUMN\_7

### INSTRUCTIONS

This admin setting define the column 7 of the Report Matrix 1

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SECTION

### REPORT\_MATRIX\_1

- 1 TDMX\_MATURITY\_STAGE
- 2 Maturity Stage
- 3 FALSE
- 4

## SUBJECT

### EXCEL\_COLUMN\_8

### INSTRUCTIONS

This admin setting define the column 8 of the Report Matrix 1

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SECTION

### REPORT\_MATRIX\_1

- 1 TDMX\_OWNER
- 2 Owner
- 3 FALSE
- 4

## SUBJECT

### EXCEL\_COLUMN\_9

### INSTRUCTIONS

This admin setting define the column 9 of the Report Matrix 1

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SECTION

### REPORT\_MATRIX\_1

1 CSE\_RVM.xlt

2 Document

3 Microsoft Excel

4

## SUBJECT

### EXCEL\_TEMPLATE

### INSTRUCTIONS

1: The first value defines the name of the Excel template used for publishing the First Report Matrix.

2: The second value defines the class name for Excel documents.

3: The Third value defines the default file type.

## SECTION

### REPORT\_MATRIX\_1

1 Requirements Verification Matrix

2

3

4

## SUBJECT

### GUI\_DISPLAY\_NAME

### INSTRUCTIONS

1: The first value defines the name of the function displayed in the publishing GUI.

## SECTION

### REPORT\_MATRIX\_2

1 Requirements

2 DRILLDOWN\_REQ\_2

3

4

## SUBJECT

### CLASS

### INSTRUCTIONS

This admin setting defines the class of objects reported in matrix

1: The class of objects to report

2: The name of Drilldown used to parse the class objects. It is defined in DRILL\_DOWN\_BEHAVIOR section

3: Unused

4: Unused

## SECTION

### REPORT\_MATRIX\_2

1 TDM\_ID

2 ID

3 FALSE

4

## SUBJECT

### EXCEL\_COLUMN\_1

### INSTRUCTIONS

This admin setting define the first column of the Report Matrix 2

1: The First value define the name of the attribute .

2: The second value define the caption into the excel cell.

3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.

4: Name of the linked super class if the third value is TRUE

## SECTION REPORT\_MATRIX\_2

1 TDMX\_REQUIREMENT

2 Req. Description

3 FALSE

4

## SECTION REPORT\_MATRIX\_2

1 TDMX\_QUALITY

2 Quality

3 FALSE

4

## SECTION REPORT\_MATRIX\_2

1 TDMX\_PRIORITY

2 Priority

3 FALSE

4

## SECTION REPORT\_MATRIX\_2

1 TDMX\_SCOPE

2 Scope

3 FALSE

4

## SUBJECT EXCEL\_COLUMN\_2

### INSTRUCTIONS

This admin setting define the second column of the Report Matrix 2

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SUBJECT EXCEL\_COLUMN\_3

### INSTRUCTIONS

This admin setting define the third column of the Report Matrix 2

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SUBJECT EXCEL\_COLUMN\_4

### INSTRUCTIONS

This admin setting define the fourth column of the Report Matrix 2

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SUBJECT EXCEL\_COLUMN\_5

### INSTRUCTIONS

This admin setting define the column 5 of the Report Matrix 2

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SECTION

### REPORT\_MATRIX\_2

- 1 TDM\_ID
- 2 Linked functions
- 3 TRUE
- 4 Functions

## SECTION

### REPORT\_MATRIX\_2

- 1 TDM\_ID
- 2 Linked systems
- 3 TRUE
- 4 Systems

## SECTION

### REPORT\_MATRIX\_2

- 1 CSE\_RAM.xlt
- 2 Document
- 3 Microsoft Excel
- 4

## SECTION

### REPORT\_MATRIX\_2

- 1 Requirements Allocation Matrix
- 2
- 3
- 4

## SUBJECT

### EXCEL\_COLUMN\_6

### INSTRUCTIONS

This admin setting define the column 6 of the Report Matrix 2

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SUBJECT

### EXCEL\_COLUMN\_7

### INSTRUCTIONS

This admin setting define the column 7 of the Report Matrix 2

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SUBJECT

### EXCEL\_TEMPLATE

### INSTRUCTIONS

1: The first value defines the name of the Excel template used for publishing the Second Report Matrix.

2: The second value defines the class name for Excel documents.

3: The Third value defines the default file type.

## SUBJECT

### GUI\_DISPLAY\_NAME

### INSTRUCTIONS

1: The first value defines the name of the function displayed in the publishing GUI.

## SECTION

### REPORT\_MATRIX\_3

- 1 Requirements
- 2 DRILLDOWN\_REQ\_2
- 3
- 4

## SECTION

### REPORT\_MATRIX\_3

- 1 TDM\_ID
- 2 ID
- 3 FALSE
- 4

## SECTION

### REPORT\_MATRIX\_3

- 1 TDMX\_REQUIREMENT
- 2 Req. Description
- 3 FALSE
- 4

## SECTION

### REPORT\_MATRIX\_3

- 1 TDMX\_QUALITY
- 2 Quality
- 3 FALSE
- 4

## SUBJECT

### CLASS

### INSTRUCTIONS

This admin setting defines the class of objects reported in matrix

- 1: The class of objects to report
- 2: The name of Drilldown used to parse the class objects. It is defined in DRILL\_DOWN\_BEHAVIOR section
- 3: Unused
- 4: Unused

## SUBJECT

### EXCEL\_COLUMN\_1

### INSTRUCTIONS

This admin setting define the first column of the Report Matrix 3

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SUBJECT

### EXCEL\_COLUMN\_2

### INSTRUCTIONS

This admin setting define the second column of the Report Matrix 3

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SUBJECT

### EXCEL\_COLUMN\_3

### INSTRUCTIONS

This admin setting define the third column of the Report Matrix 3

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SECTION

### REPORT\_MATRIX\_3

1 TDMX\_PRIORITY

2 Priority

3 FALSE

4

## SECTION

### REPORT\_MATRIX\_3

1 TDMX\_SCOPE

2 Scope

3 False

4

## SECTION

### REPORT\_MATRIX\_3

1 CN\_ID

2 Linked Tests

3 TRUE

4 IVVQ

## SECTION

### REPORT\_MATRIX\_3

1 CSE\_RCM.xlt

2 Document

3 Microsoft Excel

4

## SUBJECT

### EXCEL\_COLUMN\_4

### INSTRUCTIONS

This admin setting define the fourth column of the Report Matrix 3

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SUBJECT

### EXCEL\_COLUMN\_5

### INSTRUCTIONS

This admin setting define the fifth column of the Report Matrix 3

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SUBJECT

### EXCEL\_COLUMN\_6

### INSTRUCTIONS

This admin setting define the column 6 of the Report Matrix 3

- 1: The First value define the name of the attribute .
- 2: The second value define the caption into the excel cell.
- 3: The third value is FALSE if attribute is at the requirement level, either it's TRUE if the attribute is not a part of the requirement class, so we need to enter the name of the class in the fourth level.
- 4: Name of the linked super class if the third value is TRUE

## SUBJECT

### EXCEL\_TEMPLATE

### INSTRUCTIONS

1: The first value defines the name of the Excel template used for publishing the third Report Matrix.

2: The second value defines the class name for Excel documents.

3: The Third value defines the default file type.



**SECTION**  
**REPORT\_MATRIX\_3**

**1** Requirements Compliance Matrix

**2**

**3**

**4**

**SUBJECT**  
**GUI\_DISPLAY\_NAME**

**INSTRUCTIONS**

1: The first value defines the name of the function displayed in the publishing GUI.

## 4.1.6. *REQUIREMENT\_CAPTURE section*

Notes :

- Subjects 'LABEL' are now going from LABEL1 to LABEL12 (that is, up to 12 LABEL can be defined).
- Any of these 12 entries can be of any ENOVIA SmarTeam supported type (that is, LABELx are no longer dedicated to a certain type of attribute).
- Supported SmarTeam types are : sdtSmallInt, sdtInteger, sdtDouble, sdtBoolean, sdtMemo, sdtChar, sdtURL, sdtDate, sdtEffectiveDateFrom, sdtEffectiveDateUntil, and referenceToClass
- In order to have a better looking dialog box, it is recommended to define LABELs one after the other (for example, if you have 2 LABELs to define, use LABEL1 and LABEL2, but not LABEL1 and LABEL12).
- The 2 following paragraphs are describing the 2 kinds of definition available depending on the type of the attribute. The label number ('x') can be 1 to 12 (example: LABEL5)

**SECTION**  
**REQUIREMENT\_CAPTURE**

**0** LABELx

**1** Requirement Maturity Stage

**2** TDMX\_MATURITY\_STAGE

**3** FALSE

**4**

**SUBJECT**

**LABELx**

Defines attribute name (LABELx)

Defines caption used in the global data panel for requirement capture in WORD.

Name of the attribute for witch to set default value

For standard attribute type, should be set to FALSE

For standard attribute type, should be empty

**SECTION**  
**REQUIREMENT\_CAPTURE**

**0** LABELy

**1** Owner

**2** TDMX\_OWNER

**3** TRUE

**4** Users

**SUBJECT**

**LABELy**

Defines attribute name (LABELy)

Defines caption used in the global data panel for requirement capture in WORD.

Name of the attribute for witch to set default value

For attribute that are reference to another class, should be set to TRUE

For attribute that are reference to another class, should be set to the name of the referenced class.

## SECTION

### REQUIREMENT\_CAPTURE

- 1 Primary Requirement
- 2 Derived Requirement
- 3 Requirements
- 4 Projects

## SUBJECT

### CLASS\_NAMES\_

### INSTRUCTIONS

Defines the classes used in the database, allowing a change in the name of the classes in the data model if these values are also changed.

- 1: Primary Requirement class name
- 2: Derived Requirement class name
- 3: Requirements super class name
- 4: Projects super class name

## SECTION

### REQUIREMENT\_CAPTURE

- 1 Document
- 2 Systems
- 3 Requirements Folder
- 4

## SUBJECT

### CLASS\_NAMES\_2

### INSTRUCTIONS

Defines the classes used in the database, allowing a change in the name of the classes in the data model if these values are also changed.

- 1: Document class name
- 2: Systems super class name
- 3: Requirements Folder class name

## SECTION

### REQUIREMENT\_CAPTURE

- 1 Image
- 2 Requirements Module
- 3 Functions
- 4

## SUBJECT

### CLASS\_NAMES\_3

### INSTRUCTIONS

Defines the classes used in the database, allowing a change in the name of the classes in the data model if these values are also changed.

- 1: Image class name
- 2: Requirements Module class name
- 3: Functions super class name

## SECTION

### REQUIREMENT\_CAPTURE

- 1 Requirements from %
- 2
- 3
- 4

## SUBJECT

### REQ\_CAP\_FOLDER

### INSTRUCTIONS

FirstValue - Prefix for name of folder that will be used when requirements are captured.

use the character % to specify where the folder name will appear. example: if the document name is doc1.doc and the FirstValue value is:

Req Folder for %:  
the requirements will be captured into folder:  
Req Folder for doc1.doc:

## 4.1.7. REQUIREMENT\_MAPPINGS section

### SECTION

#### REQUIREMENT\_MAPPINGS

1 TDMX\_IMAGE

2 TDMX\_IMAGE

3

4

### SECTION

#### REQUIREMENT\_MAPPINGS

1 TDMX\_RISK\_LEVEL

2 TDMX\_RISK\_LEVEL

3

4

### SECTION

#### REQUIREMENT\_MAPPINGS

1 TDMX\_SOURCE\_APPLICATION

2 TDMX\_SOURCE\_APPLICATION

3

4

### SECTION

#### REQUIREMENT\_MAPPINGS

1 TDMX\_TYPE

2 TDMX\_TYPE

3

### SUBJECT

#### MAPPING\_1

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:

MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

### SUBJECT

#### MAPPING\_10

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:

MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

### SUBJECT

#### MAPPING\_11

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:

MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

### SUBJECT

#### MAPPING\_12

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:

MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

4

## SECTION REQUIREMENT\_MAPPINGS

1 TDMX\_REQUIREMENT

2 TDMX\_SOURCE\_REQUIREMENT

3

4

## SECTION REQUIREMENT\_MAPPINGS

1 TDM\_DESCRIPTION

2 TDM\_DESCRIPTION

3

4

## SECTION REQUIREMENT\_MAPPINGS

1 TDMX\_MATURITY\_STAGE

2 TDMX\_MATURITY\_STAGE

3

4

## SECTION REQUIREMENT\_MAPPINGS

1 TDMX\_QUALITY

2 TDMX\_QUALITY

3

4

## SUBJECT MAPPING\_13

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this: MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SUBJECT MAPPING\_14

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this: MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SUBJECT MAPPING\_15

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this: MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SUBJECT MAPPING\_16

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this: MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SECTION REQUIREMENT\_MAPPINGS

1 TDMX\_SCOPE

2 TDMX\_SCOPE

3

4

## SECTION REQUIREMENT\_MAPPINGS

1 TDMX\_CLASS

2 TDMX\_CLASS

3

4

## SECTION REQUIREMENT\_MAPPINGS

1 TDMX\_OWNER

2 TDMX\_OWNER

3

4

## SECTION REQUIREMENT\_MAPPINGS

1 TDMX\_DESIGN\_CONSTRAINT

2 TDMX\_DESIGN\_CONSTRAINT

3

4

## SUBJECT MAPPING\_2

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SUBJECT MAPPING\_3

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SUBJECT MAPPING\_4

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SUBJECT MAPPING\_5

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SECTION

### REQUIREMENT\_MAPPINGS

1 TDMX\_SOURCE\_CATEGORY

2 TDMX\_SOURCE\_CATEGORY

3

4

## SECTION

### REQUIREMENT\_MAPPINGS

1 TDMX\_PRIORITY

2 TDMX\_PRIORITY

3

4

## SECTION

### REQUIREMENT\_MAPPINGS

1 TDMX\_COMPLIANCE\_LEVEL

2 TDMX\_COMPLIANCE\_LEVEL

3

4

## SECTION

### REQUIREMENT\_MAPPINGS

1 TDMX\_VERIFICATION\_METHOD

2 TDMX\_VERIFICATION\_METHOD

3

4

## SUBJECT

### MAPPING\_6

## INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SUBJECT

### MAPPING\_7

## INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SUBJECT

### MAPPING\_8

## INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SUBJECT

### MAPPING\_9

## INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## 4.1.8. *SOURCE\_REQUIREMENT\_MAPPINGS* section

### SECTION

**SOURCE\_REQUIREMENT\_MAPPINGS**

### SUBJECT

**MAPPING\_1**

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 TDM\_DESCRIPTION

1 : Attribute of the source requirements

2 TDM\_DESCRIPTION

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

3

If you delete a mapping rename all the subject name of your mappings like this:

4

MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

### SECTION

**SOURCE\_REQUIREMENT\_MAPPINGS**

### SUBJECT

**MAPPING\_10**

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 TDMX\_RISK\_LEVEL

1 : Attribute of the source requirements

2 TDMX\_RISK\_LEVEL

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

3

If you delete a mapping rename all the subject name of your mappings like this:

4

MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

### SECTION

**SOURCE\_REQUIREMENT\_MAPPINGS**

### SUBJECT

**MAPPING\_11**

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 TDMX\_SOURCE\_APPLICATION

1 : Attribute of the source requirements

2 TDMX\_SOURCE\_APPLICATION

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

3

If you delete a mapping rename all the subject name of your mappings like this:

4

MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

### SECTION

**SOURCE\_REQUIREMENT\_MAPPINGS**

### SUBJECT

**MAPPING\_12**

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 TDMX\_SUBMITTED\_BY

1 : Attribute of the source requirements

2 TDMX\_SUBMITTED\_BY

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

3

If you delete a mapping rename all the subject name of your mappings like this:

4

## SECTION

### SOURCE\_REQUIREMENT\_MAPPINGS

1 TDMX\_TYPE

2 TDMX\_TYPE

3

4

## SECTION

### SOURCE\_REQUIREMENT\_MAPPINGS

1 TDMX\_REQUIREMENT

2 TDMX\_SOURCE\_REQUIREMENT

3

4

## SECTION

### SOURCE\_REQUIREMENT\_MAPPINGS

1 TDMX\_MATURITY\_STAGE

2 TDMX\_MATURITY\_STAGE

3

4

## SECTION

### SOURCE\_REQUIREMENT\_MAPPINGS

1 TDMX\_QUALITY

2 TDMX\_QUALITY

3

4

MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SUBJECT

### MAPPING\_13

## INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:

MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SUBJECT

### MAPPING\_14

## INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:

MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SUBJECT

### MAPPING\_15

## INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:

MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SUBJECT

### MAPPING\_16

## INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:

MAPPING\_1 MAPPING\_2 MAPPING\_3 ...



## SECTION

### SOURCE\_REQUIREMENT\_MAPPINGS

- 1 TDMX\_WEIGHT\_FACTOR
- 2 TDMX\_WEIGHT\_FACTOR
- 3
- 4

## SUBJECT

### MAPPING\_17

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SECTION

### SOURCE\_REQUIREMENT\_MAPPINGS

- 1 TDMX\_SCOPE
- 2 TDMX\_SCOPE
- 3
- 4

## SUBJECT

### MAPPING\_2

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SECTION

### SOURCE\_REQUIREMENT\_MAPPINGS

- 1 TDMX\_CLASS
- 2 TDMX\_CLASS
- 3
- 4

## SUBJECT

### MAPPING\_3

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SECTION

### SOURCE\_REQUIREMENT\_MAPPINGS

- 1 TDMX\_OWNER
- 2 TDMX\_OWNER
- 3
- 4

## SUBJECT

### MAPPING\_4

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SECTION

### SOURCE\_REQUIREMENT\_MAPPINGS

- 1 TDMX\_DESIGN\_CONSTRAINT
- 2 TDMX\_DESIGN\_CONSTRAINT
- 3
- 4

## SUBJECT

### MAPPING\_5

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SECTION

### SOURCE\_REQUIREMENT\_MAPPINGS

- 1 TDMX\_SOURCE\_CATEGORY
- 2 TDMX\_SOURCE\_CATEGORY
- 3
- 4

## SUBJECT

### MAPPING\_6

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SECTION

### SOURCE\_REQUIREMENT\_MAPPINGS

- 1 TDMX\_PRIORITY
- 2 TDMX\_PRIORITY
- 3
- 4

## SUBJECT

### MAPPING\_7

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SECTION

### SOURCE\_REQUIREMENT\_MAPPINGS

- 1 TDMX\_COMPLIANCE\_LEVEL
- 2 TDMX\_COMPLIANCE\_LEVEL
- 3
- 4

## SUBJECT

### MAPPING\_8

### INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:  
MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## SECTION

### SOURCE\_REQUIREMENT\_MAPPINGS

**1** TDMX\_VERIFICATION\_METHOD

**2** TDMX\_VERIFICATION\_METHOD

**3**

**4**

## SUBJECT

### MAPPING\_9

## INSTRUCTIONS

Defines the mappings when decomposing a derived requirement:

1 : Attribute of the source requirements

2 : Attribute of the decomposed requirements

To add more mappings add another admin setting with incremented subject name (last digit)

If you delete a mapping rename all the subject name of your mappings like this:

MAPPING\_1 MAPPING\_2 MAPPING\_3 ...

## 4.1.9. *SYSTEM\_ENGINEERING* section

### **SECTION**

**SYSTEM\_ENGINEERING**

### **SUBJECT**

**ID\_ATTRIBUTES**

### **INSTRUCTIONS**

Defines the ID Attributes of the main super classes:

**1** TDM\_ID

1: Requirements super class ID

**2** TDM\_ID

2: Functions super class ID

**3** TDM\_ID

3: Systems super class ID

**4**

NB : This Admin Setting is not used anymore.

## 4.1.10. *TEMPLATE\_PATH* section

### **SECTION**

**TEMPLATE\_PATH**

### **SUBJECT**

**RELATIVE\_DIRECTORY**

### **INSTRUCTIONS**

**1** C:\Program Files\SmarTeam\initfile\CSE\

1: The first value defines the directory where CSE templates are installed

**2**

Path must end with a back slash "\"

**3**

example C:\Program Files\SmarTeam\initfile\CSE\

**4**

## 4.1.11. TRACEABILITY\_MATRIX\_xxx section

### SECTION

TRACEABILITY\_MATRIX\_1

1 Requirements

2 Requirements

3

4

### SECTION

TRACEABILITY\_MATRIX\_1

1 Requirements-Requirements MATRIX

2

3

4

### SECTION

TRACEABILITY\_MATRIX\_1

1 TDM\_DESCRIPTION

2 TDM\_DESCRIPTION

3

4

### SECTION

TRACEABILITY\_MATRIX\_1

1 DRILLDOWN\_REQ\_1

2 DRILLDOWN\_REQ\_1

3

### SUBJECT

CLASSES

### INSTRUCTIONS

Defines the classes for the first Traceability Matrix:

1: Column Class

2: Row Class

### SUBJECT

DEFINITION

### INSTRUCTIONS

Defines the caption of the First Traceability Matrix:

1:Caption Name

### SUBJECT

DISPLAY\_CLASS\_ATTRIBUTE

### INSTRUCTIONS

Defines the attributes to display for the First Traceability Matrix:

1: Column Class attribute

2: Row Class attribute

### SUBJECT

DRILLDOWN\_BEHAVIORS

### INSTRUCTIONS

Defines the drilldown behavior for the first traceability matrix:

1: Column Drilldown behavior

2: Row Drilldown behavior

Can be :

DRILLDOWN\_REQ\_1

DRILLDOWN\_SYS\_1 DRILLDOWN\_FNC\_1

4

**SECTION**  
**TRACEABILITY\_MATRIX\_1**

- 1 Tracing Requirements vs Requirements.xlt
- 2 Document
- 3 Microsoft Excel

4

**SECTION**  
**TRACEABILITY\_MATRIX\_1**

- 1 MANUAL

- 2 MANUAL

3

4

**SECTION**  
**TRACEABILITY\_MATRIX\_1**

- 1 TDMX\_LINK\_STATE

- 2 validated, suspect

- 3 light green, light red

4

**SECTION**  
**TRACEABILITY\_MATRIX\_1**

- 1 TDMX\_LINK\_STATE

- 2 TDMX\_LINK\_DIRECTION

3

4

**SUBJECT**  
**EXCEL\_TEMPLATE**

**INSTRUCTIONS**

1: The first value defines the name of the Excel template used for publishing the first traceability matrix.

2: The second value defines the class name for Excel documents.

3: The Third value defines the default file type.

**SUBJECT**  
**SELECTION\_BEHAVIOR**

**INSTRUCTIONS**

Defines the selection behavior for the first traceability matrix:

1:Column Class Selection behavior:  
SELECTALL/MANUAL/PROJECTSELECTALL/PROJECTSELECTMANUAL  
2:Row Class Selection behavior:  
SELECTALL/MANUAL/PROJECTSELECTALL/PROJECTSELECTMANUAL

**SUBJECT**  
**LINK\_COLORED\_ATTRIBUTE**

**INSTRUCTIONS**

1:Defines the link attribute to use in order to apply a specific color to the cell

2:Defines the target values to apply a specific color

3:Defines the color to apply for the previous values

**SUBJECT**  
**DISPLAY\_LINK\_ATTRIBUTES**

**INSTRUCTIONS**

1: Defines the first link attribute to display in a cell

2: Defines the second link attribute to display in a cell.

3: Defines the third link attribute to display in a cell.

4: Defines the fourth link attribute to display in a cell.

**SECTION**  
**TRACEABILITY\_MATRIX\_1**

**SUBJECT**  
**FILTER\_LINK\_ATTRIBUTE**

**INSTRUCTIONS**

1

1:Defines the link attribute used to filter the results (ex: TDMX\_LINK\_STATE)

2

2:Defines the value used to filter the results (ex: validated)

3

4

**SECTION**  
**TRACEABILITY\_MATRIX\_1**

**SUBJECT**  
**GUI\_DISPLAY\_NAME**

**INSTRUCTIONS**

1 Requirements requirements traceability matrix

1: Defines the matrix name to display in the publishing GUI.

2

3

4

**SECTION**  
**TRACEABILITY\_MATRIX\_2**

**SUBJECT**  
**CLASSES**

**INSTRUCTIONS**

1 Requirements

Defines the classes for the Second Traceability Matrix:

1: Column Class

2: Row Class

2 Functions

3

4

**SECTION**  
**TRACEABILITY\_MATRIX\_2**

**SUBJECT**  
**DEFINITION**

**INSTRUCTIONS**

1 Requirements to Functions Matrix

Defines the caption of the Second Traceability Matrix:

1:Caption Name

2

3

4



**SECTION**  
**TRACEABILITY\_MATRIX\_2**

1 TDM\_DESCRIPTION

2 TDM\_DESCRIPTION

3

4

**SECTION**  
**TRACEABILITY\_MATRIX\_2**

1 DRILLDOWN\_REQ\_1

2 DRILLDOWN\_FNC\_1

3

4

**SECTION**  
**TRACEABILITY\_MATRIX\_2**

1 Tracing Requirements vs Functions.xlt

2 Document

3 Microsoft Excel

4

**SECTION**  
**TRACEABILITY\_MATRIX\_2**

1 MANUAL

2 SELECTALL

3

4

**SUBJECT**  
**DISPLAY\_CLASS\_ATTRIBUTE**

**INSTRUCTIONS**

Defines the attributes to display for the Second Traceability Matrix:

- 1: Column Class attribute
- 2: Row Class attribute

**SUBJECT**  
**DRILLDOWN\_BEHAVIORS**

**INSTRUCTIONS**

Defines the drilldown behavior for the second traceability matrix:

- 1: Column Drilldown behavior
- 2: Row Drilldown behavior

Can be :  
DRILLDOWN\_REQ\_1  
DRILLDOWN\_SYS\_1 DRILLDOWN\_FNC\_1

**SUBJECT**  
**EXCEL\_TEMPLATE**

**INSTRUCTIONS**

1: The first value defines the name of the Excel template used for publishing the second traceability matrix.

2: The second value defines the class name for Excel documents.

3: The Third value defines the default file type.

**SUBJECT**  
**SELECTION\_BEHAVIOR**

**INSTRUCTIONS**

Defines the selection behavior for the second traceability matrix:

- 1:Column Class Selection behavior:  
SELECTALL/MANUAL/PROJECTSELECTALL/PROJECTSELECTMANUAL
- 2:Row Class Selection behavior:  
SELECTALL/MANUAL/PROJECTSELECTALL/PROJECTSELECTMANUAL

**SECTION**  
**TRACEABILITY\_MATRIX\_2**

- 1 TDMX\_LINK\_STATE
- 2 validated, suspect
- 3 light green, light red
- 4

**SECTION**  
**TRACEABILITY\_MATRIX\_2**

- 1 TDMX\_LINK\_STATE
- 2
- 3
- 4

**SECTION**  
**TRACEABILITY\_MATRIX\_2**

- 1
- 2
- 3
- 4

**SECTION**  
**TRACEABILITY\_MATRIX\_2**

- 1 Requirements functions traceability matrix
- 2
- 3
- 4

**SUBJECT**  
**LINK\_COLORED\_ATTRIBUTE**

**INSTRUCTIONS**

- 1: Defines the link attribute to use in order to apply a specific color to the cell
- 2: Defines the target values to apply a specific color
- 3: Defines the color to apply for the previous values

**SUBJECT**  
**DISPLAY\_LINK\_ATTRIBUTES**

**INSTRUCTIONS**

- 1: Defines the first link attribute to display in a cell
- 2: Defines the second link attribute to display in a cell.

**SUBJECT**  
**FILTER\_LINK\_ATTRIBUTE**

**INSTRUCTIONS**

- 1: Defines the link attribute used to filter the results(ex:TDMX\_LINK\_STATE)
- 2: Defines the value used to filter the results(ex:validated)

**SUBJECT**  
**GUI\_DISPLAY\_NAME**

**INSTRUCTIONS**

- 1: Defines the matrix name to display in the publishing GUI

**SECTION**  
**TRACEABILITY\_MATRIX\_3**

**1** Functions

**2** Systems

**3**

**4**

**SECTION**  
**TRACEABILITY\_MATRIX\_3**

**1** Functions to Systems Matrix

**2**

**3**

**4**

**SECTION**  
**TRACEABILITY\_MATRIX\_3**

**1** TDM\_DESCRIPTION

**2** TDM\_DESCRIPTION

**3**

**4**

**SECTION**  
**TRACEABILITY\_MATRIX\_3**

**1** DRILLDOWN\_FNC\_1

**2** DRILLDOWN\_SYS\_1

**3**

**4**

**SUBJECT**  
**CLASSES**

**INSTRUCTIONS**

Defines the classes for the Third Traceability Matrix:

1: Column Class

2: Row Class

**SUBJECT**  
**DEFINITION**

**INSTRUCTIONS**

Defines the caption of the Third Traceability Matrix:

1:Caption Name

**SUBJECT**  
**DISPLAY\_CLASS\_ATTRIBUTE**

**INSTRUCTIONS**

Defines the attributes to display for the Third Traceability Matrix:

1: Column Class attribute

2: Row Class attribute

**SUBJECT**  
**DRILLDOWN\_BEHAVIORS**

**INSTRUCTIONS**

Defines the drilldown behavior for the third traceability matrix:

1: Column Drilldown behavior

2: Row Drilldown behavior

Can be :

DRILLDOWN\_REQ\_1

DRILLDOWN\_SYS\_1 DRILLDOWN\_FNC\_1...

## SECTION

### TRACEABILITY\_MATRIX\_3

- 1 Tracing Functions vs Systems.xlt
- 2 Document
- 3 Microsoft Excel
- 4

## SECTION

### TRACEABILITY\_MATRIX\_3

- 1 SELECTALL
- 2 SELECTALL
- 3
- 4

## SECTION

### TRACEABILITY\_MATRIX\_3

- 1 TDMX\_LINK\_STATE
- 2 validated, suspect
- 3 light green, light red
- 4

## SECTION

### TRACEABILITY\_MATRIX\_3

- 1 TDMX\_LINK\_STATE
- 2
- 3
- 4

## SUBJECT

### EXCEL\_TEMPLATE

### INSTRUCTIONS

- 1: The first value defines the name of the Excel template used for publishing the third traceability matrix.
- 2: The second value defines the class name for Excel documents.
- 3: The Third value defines the default file type.

## SUBJECT

### SELECTION\_BEHAVIOR

### INSTRUCTIONS

- Defines the selection behavior for the matrix:
- 1: Column Class Selection behavior:  
SELECTALL/MANUAL/PROJECTSELECTALL/PROJECTSELECTMANUAL
  - 2: Row Class Selection behavior:  
SELECTALL/MANUAL/PROJECTSELECTALL/PROJECTSELECTMANUAL

## SUBJECT

### LINK\_COLORED\_ATTRIBUTE

### INSTRUCTIONS

- 1: Defines the link attribute to use in order to apply a specific color to the cell
- 2: Defines the target values to apply a specific color
- 3: Defines the color to apply for the previous values

## SUBJECT

### DISPLAY\_LINK\_ATTRIBUTES

### INSTRUCTIONS

- 1: Defines the first link attribute to display in a cell
- 2: Defines the second link attribute to display in a cell.
- 3: Defines the third link attribute to display in a cell.

**SECTION****TRACEABILITY\_MATRIX\_3****1****2****3****4****SUBJECT****FILTER\_LINK\_ATTRIBUTE****INSTRUCTIONS**

1:Defines the link attribute used to filter the results(ex:TDMX\_LINK\_STATE)

2:Defines the value attribute used to filter the results (ex: validated)

**SECTION****TRACEABILITY\_MATRIX\_2****1** Functions Systems traceability matrix**2****3****4****SUBJECT****GUI\_DISPLAY\_NAME****INSTRUCTIONS**

1:Defines the matrix name to display in the publishing GUI

## 4.1.12. UNALLOCATED\_OBJECTS section

### SECTION

UNALLOCATED\_OBJECT\_1

1 Search Req vs Req

2

3

4

### SUBJECT

UNALLOCATED\_OBJECT\_NAME

### INSTRUCTIONS

Defines the name of search.

### SECTION

UNALLOCATED\_OBJECT\_1

1 Requirements

2

3

4

### SUBJECT

UNALLOCATED\_OBJECT\_SOURCE

### INSTRUCTIONS

Defines the source class of search

### SECTION

UNALLOCATED\_OBJECT\_1

1 Requirements

2

3

4

### SUBJECT

UNALLOCATED\_OBJECT\_TARGET

### INSTRUCTIONS

Defines the target class of search

### SECTION

UNALLOCATED\_OBJECT\_1

1 DRILLDOWN\_REQ\_2

2

3

4

### SUBJECT

UNALLOCATED\_OBJECT\_DRILLDOWN

### INSTRUCTIONS

Defines the filter for source class objects

## SECTION

UNALLOCATED\_OBJECT\_1

## SUBJECT

UNALLOCATED\_OBJECT\_ORDER\_ATTRIBUTE

## INSTRUCTIONS

1

2

3

4

### Long value

Defines the order used to display attributes of source class in result window

TDM\_ID;TDM\_DESCRIPTION;STATE;TDMX\_PRIORITY;TDMX\_CLASS;TDMX\_TYPE;PHASE;TDMX\_QUALITY;TDMX\_SCOPE;TDMX\_MATURITY\_STAGE;TDMX\_RISK\_LEVEL;TDMX\_COMPLIANCE\_LEVEL

## SECTION

UNALLOCATED\_OBJECT\_2

## SUBJECT

UNALLOCATED\_OBJECT\_NAME

## INSTRUCTIONS

1 Search Req vs Func

Defines the name of search.

2

3

4

## SECTION

UNALLOCATED\_OBJECT\_2

## SUBJECT

UNALLOCATED\_OBJECT\_SOURCE

## INSTRUCTIONS

1 Requirements

Defines the source class of search

2

3

4

## SECTION

UNALLOCATED\_OBJECT\_2

## SUBJECT

UNALLOCATED\_OBJECT\_TARGET

## INSTRUCTIONS

1 Functions

Defines the target class of search

2

3

4

## SECTION

UNALLOCATED\_OBJECT\_2

1 DRILLDOWN\_REQ\_2

2

3

4

## SUBJECT

UNALLOCATED\_OBJECT\_DRILLDOWN

## INSTRUCTIONS

Defines the filter for source class objects

## SECTION

UNALLOCATED\_OBJECT\_2

1

2

3

4

## SUBJECT

UNALLOCATED\_OBJECT\_ORDER\_ATTRIBUTE

## INSTRUCTIONS

### Long value

Defines the order used to display attributes of source class in result window  
TDM\_ID;TDM\_DESCRIPTION;STATE;TDMX\_PRIORITY;TDMX\_CLASS;TDMX\_TYPE;PHASE;TDMX\_QUALITY;TDMX\_SCOPE;TDMX\_M  
ATURITY\_STAGE;TDMX\_RISK\_LEVEL;TDMX\_COMPLIANCE\_LEVEL

## SECTION

UNALLOCATED\_OBJECT\_3

1 Search Func vs Sys

2

3

4

## SUBJECT

UNALLOCATED\_OBJECT\_NAME

## INSTRUCTIONS

Defines the name of search.

## SECTION

UNALLOCATED\_OBJECT\_3

1 Functions

2

3

4

## SUBJECT

UNALLOCATED\_OBJECT\_SOURCE

## INSTRUCTIONS

Defines the source class of search



## SECTION

UNALLOCATED\_OBJECT\_3

1 Systems

2

3

4

## SUBJECT

UNALLOCATED\_OBJECT\_TARGET

### INSTRUCTIONS

Defines the target class of search

## SECTION

UNALLOCATED\_OBJECT\_3

1 DRILLDOWN\_FNC\_1

2

3

4

## SUBJECT

UNALLOCATED\_OBJECT\_DRILLDOWN

### INSTRUCTIONS

Defines the filter for source class objects

## SECTION

UNALLOCATED\_OBJECT\_3

1

2

3

4

## SUBJECT

UNALLOCATED\_OBJECT\_ORDER\_ATTRIBUTE

### INSTRUCTIONS

#### Long value

Defines the order used to display attributes of source class in result window  
TDM\_ID;TDM\_DESCRIPTION;STATE;TDMX\_FUNCTION\_STATE;TDMX\_TYPE

### 4.1.13. *CLIPBOARD\_CAPTURE\_DESTINATION* section

#### **SECTION**

REQUIREMENT\_CLIPBOARD\_CAPTURE

1 TDMX\_REQUIREMENT

2

3

4

#### **SUBJECT**

CLIPBOARD\_CAPTURE\_DESTINATION\_PRIMARY\_REQUIREMENT

#### **INSTRUCTIONS**

Defines the target attribute for the content of clipboard. That attribute has to support xHtml format if rich content is captured.

#### **SECTION**

GENERAL\_PACKAGING

1 TRUE

2

3

4

#### **SUBJECT**

XML\_EDITION\_SUPPORTED

#### **INSTRUCTIONS**

TRUE/FALSE : TRUE if Infopath integration is used, FALSE otherwise.

### 4.1.14. *REORDER\_DOCUMENT* section

#### **SECTION**

REORDER\_DOCUMENT

1 TRUE

2

3

4

#### **SUBJECT**

FORBIDDEN\_WHEN\_CI

#### **INSTRUCTIONS**

TRUE/FALSE: TRUE if reordering functionality is unavailable in state Check In or Released.