

Collaborative Systems Engineering

– RX9 – CD9 – CS9 – RM9 –



CSE D4-D7 Migration Guide – V1

BPA Delivery 7 for V5R19 (V5.7)

Modification Tracking

Version	Date	Done by	Modification
	19 Nov 2008	CBZ	Document creation
D6W48.3	25 Nov 2008	NJZ/CBZ	Document verification. Add TDMX_TEST_INPUT as XHTML attribute for IVVQ Sheet.
D7W22.3	28 May 2009	CBZ	Add IVVQ Analysis

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1. Introduction

The guide gathers all the database changes to make a former CSE D4 DB version work after a Delivery 7 installation.

As there is no modification in D7 database and D6 database regarding D5 database, this guide is also usable to make a former CSE D4 DB version work after a Delivery 7 GA installation.

Three major topics are addressed:

- hooking functions
- data model changes
- admin settings

The V5.7 version is built on top of ENOVIA SmarTeam V5R19.

1.1. Related Documentation

- Collaborative Systems Engineering – Requirement Management Implementation guide (RM9_ImplementationGuide_R19D7.doc)
- Collaborative Systems Engineering – Requirement Management User guide (RM9_UserGuide_R19D7.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

1.2. Definitions

Glossary

Acronym	Definition
BPA	Business Process Accelerator
CSE	Collaborative System Engineering
CD9	Composite Document Generation
CS9	Collaborative Systems Management and Trceability
RM9	Requirement Management
RX9	Requirement XML Edition

Table 1 - Acronyms

2. Data Model Modifications

Regarding the IVVQ Data model modifications, refer to the CSE data model documentation in order to get all the elements to create.

3. Scripts

That part presents the hooks difference between D4 and D5/D6/D7 version. Functions have to be hooked on “system” operations or on “User Defined Tools”.

3.1. User Define Tool hooks

These operations are made with the *Script Maintenance*.

3.1.1. Infopath Edition

SCRIPT_NAME	Function name	CLASS	UDT to be created
CSE_XML.ebs	XML_IVVQ_Export_WithLinks	IVVQ Chapter	Edit in InfoPath
CSE_XML.ebs	XML_IVVQ_Export_WithLinks	IVVQ Module	Edit in InfoPath
CSE_XML.ebs	XML_IVVQ_View_Export	IVVQ Sheet	Edit in InfoPath
CSE_XML.ebs	XML_IVVQ_View_Export	IVVQ Result	Edit in InfoPath
CSE_XML.ebs	XML_IVVQ_View_Export	IVVQ Information	Edit in InfoPath
CSE_XML.ebs	XML_IVVQ_View_Export	IVVQ Matrix Item	Edit in InfoPath
CSE_XML.ebs	XML_IVVQ_View_Export	IVVQ Analysis	Edit in InfoPath

Description:

- XML_IVVQ_Export_WithLinks allows editing «IVVQ Module» or « IVVQ Chapter » in Infopath.
- XML_IVVQ_View_Export allows editing any single IVVQ object in Infopath.

3.2. Profile Card hooks

These operations are to be made in *Form Designer*.

3.2.1. Profile cards

SCRIPT_NAME	Function name	CLASS	EVENT
CSE_XML.ebs	XML_View_Reset_IVVQ	IVVQ Information	ON_EXIT
CSE_XML.ebs	XML_View_Refresh_IVVQ	IVVQ Information	ON_STARTUP
CSE_XML.ebs	XML_View_Reset_TwoFields_IVVQ	IVVQ Result	ON_EXIT
CSE_XML.ebs	XML_View_Refresh_IVVQ	IVVQ Result	ON_STARTUP
CSE_XML.ebs	XML_View_Reset_ThreeFields_IVVQ	IVVQ Sheet	ON_EXIT
CSE_XML.ebs	XML_View_Refresh_IVVQ	IVVQ Sheet	ON_STARTUP
CSE_XML.ebs	XML_View_Reset_IVVQ	IVVQ Analysis	ON_EXIT
CSE_XML.ebs	XML_View_Refresh_IVVQ	IVVQ Analysis	ON_STARTUP

Description:

- XML_View_Refresh_IVVQ update the data to preview in the profile card when opening the Profile Card.

4. Admin Settings

These admin settings allow InfoPath Integration for IVVQ objects.

Add Admin Setting		
Section	NEEDED_ATTRIBUTES	Attributes to retrieve
Subject	IVVQ_MODULE	<i>Class name of data model</i>
Description	The needed attributes to export for a IVVQ module	
Value1		
Value2		
Value3		
Value4		
LongField	OBJECT_ID;CLASS_ID;CN_ID;TDMX_NAME;REVISION;STATE; TDMX_IVVQ_COMMENT;TDMX_LOCKED_BY	List of Attributes separated by ;
<Other>		

Add Admin Setting		
Section	NEEDED_ATTRIBUTES	Attributes to retrieve
Subject	IVVQ_CHAPTER	<i>Class name of data model</i>
Description	The needed attributes to export for a IVVQ Chapter	
Value1		
Value2		
Value3		
Value4		
LongField	OBJECT_ID;CLASS_ID;CN_ID;TDMX_NAME;REVISION;STATE; TDMX_IVVQ_COMMENT;TDMX_LOCKED_BY	List of Attributes separated by ;
<Other>		

Add Admin Setting		
Section	NEEDED_ATTRIBUTES	Attributes to retrieve
Subject	IVVQ_INFORMATION	<i>Class name of data model</i>
Description	The needed attributes to export for a IVVQ Information	
Value1		
Value2		
Value3		
Value4		
LongField	OBJECT_ID;CLASS_ID;CN_ID;TDMX_NAME;REVISION;STATE; TDMX_INFORMATION;TDMX_LOCKED_BY	List of Attributes separated by ;
<Other>		

Add Admin Setting		
Section	NEEDED_ATTRIBUTES	Attributes to retrieve
Subject	IVVQ_MATRIX_ITEM	<i>Class name of data model</i>
Description	The needed attributes to export for a IVVQ Matrix Item	
Value1		
Value2		
Value3		

Value4		
LongField	OBJECT_ID;CLASS_ID;CN_ID;TDMX_NAME;REVISION;STATE;TDMX_MATURITY_STAGE;TDMX_VERIFICATION_STATUS;TDMX_LOCKED_BY	List of Attributes separated by ;
<Other>		

Add Admin Setting		
Section	NEEDED_ATTRIBUTES	Attributes to retrieve
Subject	IVVQ_RESULT	<i>Class name of data model</i>
Description	The needed attributes to export for a IVVQ Result	
Value1		
Value2		
Value3		
Value4		
LongField	OBJECT_ID;CLASS_ID;CN_ID;TDMX_NAME;REVISION;STATE;TDMX_RUN_DATE;TDMX_TESTER_NAME;TDMX_GLOBAL_TEST_RESULT;TDMX_TR_PATHNAME;TDMX_TR_FILENAME;TDMX_IVVQ_COMMENT;TDMX_MATURITY_STAGE;TDMX_TEST_BED;TDMX_TEST_OBJECTIVES;TDMX_TEST_RESULT_DESC;TDMX_LOCKED_BY	List of Attributes separated by ;
<Other>		

Add Admin Setting		
Section	NEEDED_ATTRIBUTES	Attributes to retrieve
Subject	IVVQ_SHEET	<i>Class name of data model</i>
Description	The needed attributes to export for a IVVQ Sheet	
Value1		
Value2		
Value3		
Value4		
LongField	OBJECT_ID;CLASS_ID;CN_ID;TDMX_NAME;REVISION;STATE;TDMX_MATURITY_STAGE;TDMX_MOV;TDMX_TEST_INPUT;TDMX_VERIFICATION_STAGE;TDMX_MOV_DESCRIPTION;TDMX_TEST_POC_DESC;TDMX_LOCKED_BY	List of Attributes separated by ;
<Other>		

Add Admin Setting		
Section	NEEDED_ATTRIBUTES	Attributes to retrieve
Subject	IVVQ_ANALYSIS	<i>Class name of data model</i>
Description	The needed attributes to export for a IVVQ Analysis	
Value1		
Value2		
Value3		
Value4		
LongField	OBJECT_ID;CLASS_ID;CN_ID;TDMX_NAME;REVISION;STATE;TDMX_MATURITY_STAGE;TDMX_CONTENT_DATA;TDMX_LOCKED_BY	List of Attributes separated by ;
<Other>		

Add Admin Setting		
Section	XHTML_ATTRIBUTES	XHTML Attributes
Subject	IVVQ_RESULT	<i>Class name of data model</i>
Description	Attributes for a IVVQ Result to treat as XHTML	
Value1		
Value2		
Value3		
Value4		
LongField	TDMX_TEST_OBJECTIVES;TDMX_TEST_RESULT_DESC	List of Attributes separated by ;
<Other>		

Add Admin Setting		
Section	XHTML_ATTRIBUTES	XHTML Attributes
Subject	IVVQ_SHEET	<i>Class name of data model</i>
Description	Attributes for a IVVQ Sheet to treat as XHTML	
Value1		
Value2		
Value3		
Value4		
LongField	TDMX_MOV_DESCRIPTION;TDMX_TEST_PROC_DESC; TDMX_TEST_INPUT	List of Attributes separated by ;
<Other>		

Add Admin Setting		
Section	XHTML_ATTRIBUTES	XHTML Attributes
Subject	IVVQ_INFORMATION	<i>Class name of data model</i>
Description	Attributes for a IVVQ Information to treat as XHTML	
Value1		
Value2		
Value3		
Value4		
LongField	TDMX_INFORMATION	List of Attributes separated by ;
<Other>		

Add Admin Setting		
Section	XHTML_ATTRIBUTES	XHTML Attributes
Subject	IVVQ_ANALYSIS	<i>Class name of data model</i>
Description	Attributes for a IVVQ Analysis to treat as XHTML	
Value1		
Value2		
Value3		
Value4		
LongField	TDMX_CONTENT_DATA	List of Attributes separated by ;
<Other>		

Add Admin Setting	
Section	DRILL_DOWN_LINK_ALLOW_CLASSES
Subject	IVVQ_REQUIREMENTS
Description	Declare both classes of the relationship
Value1	IVVQ
Value2	Requirements
Value3	
Value4	

Add Admin Setting	
Section	DRILL_DOWN_LINK_ALLOW_CLASSES
Subject	IVVQ_IVVQ
Description	Declare both classes of the relationship
Value1	IVVQ
Value2	IVVQ
Value3	
Value4	