

Test Module10.5

Casework

Test Data Repository

*Author(s): imbus AG
MoReq2 test development team*

Date: 15/04/2008

Version: 1.0

Status: Approved

Customer: Serco Consulting

Contents

Introduction

3

on chapter T10.5 - Casework

5

5.1 Agents & Access Controls

5

5.1.1 Agents (Users, User Groups and User Roles)

5

5.1.1.1 Users

5

5.1.1.2 User Roles

5

5.1.1.3 User Groups

6

5.1.2 Access controls

6

5.1.2.1 Entity/Agents

6

5.1.2.2 Access permissions of user roles to functions

7

5.2 Classification Scheme(s)

9

5.2.1 TestClassificationScheme1 – metadata of aggregations and records

9

5.3 Record Types

11

5.4 Retention and Disposition Schedules

11

5.5 Content of Captured Records

11

INTRODUCTION

The Test Data Repository is organized in several sub-chapters – one corresponding (Sub) Test Data Repository for each test module. This reduces complexity and guarantees higher readability and comprehensibility for the user.

Each of these documents has the same general structuring:

- ◆ **Agents & Access Controls:** This sub-chapter gives details about user profiles, user roles and user groups. Furthermore it will be explained which user roles have access permission to functions, aggregations and records. In addition we explain which user groups have access permission to aggregations and records.
- ◆ **Classification Scheme(s):** This sub-chapter includes all Classification Scheme(s) that are used within the corresponding sub-chapter of the test module. It lists information of the metadata of the classification scheme itself and of all aggregations and records within it.
- ◆ **Record types:** This sub-chapter gives detailed information about the records used.
- ◆ **Retention and Disposition Schedules:** This sub-chapter gives detailed information about the retention and disposition schedules used.
- ◆ **Content of captured records:** This sub-chapter gives detailed information about the content of the items that are captured as records. As these items are described before they are captured into the ERMS, no metadata elements can be used for the description.

To increase the usability of the Test Data Repository we marked the information in different colours. The blue coloured content represents the situation before test cases are executed (precondition). The red coloured content represents the situation after the test cases are executed (test result). Both situations are highlighted as far as possible. In some cases we used brackets (e.g. []) to highlight which entity is being affected by the test execution. Examples:

Example	Explanation
Class Corporate Direction	The item is a precondition for the test case. It has to be created before executing the test cases of the sub-chapters.
Class Corporate Direction	The item will be created within a test case.



[Class] [Corporate Direction]	The item will be deleted, reclassified, relocated when the test cases of the sub chapter are being executed.
-----------------------------------	--

The metadata model requires metadata elements such as M163 *Identity.system_identifier* which are "populated" by the system when an agent is defined. We just use the values of these elements to have an internal linkage between our test data. These values do not have to match the existing values in the ERMS.

ON CHAPTER T10.5 - CASEWORK

5.1 Agents & Access Controls

Within this chapter we summarise all agents and access controls that are needed for testing. The first sub-chapter, as far as possible, provides an insight into the profiles of the agents (users, user roles and user groups) used. The second sub-chapter summarises the access controls for agents to entities (entity/agent) and for agents to functions.

5.1.1 Agents (Users, User Groups and User Roles)

The following tables show the metadata of agents (Users, User Groups and User Roles).

5.1.1.1 Users

Following users need to be created or will be created during test execution:

M163	M167	M189	M171	M166	M165	M169	M170
Identity.system_identifier	Description.title	Description.email.address	Relation.entity_agent	Relation.has_role	Relation.is_member_of	Use.administrator	Use.inactive
<U01>	CA_username			<R01>		YES	<Active>
<U02>	User1			<R02>		NO	<Active>
<U03>	User2			<R03>		NO	<Active>
<U04>	User3			<R02>		NO	<Active>
<U05>	User4			<R02>		NO	<Active>
<U06>	User5			<R04>		NO	<Active>

5.1.1.2 User Roles

Following roles need to be created or will be created during test execution:

M163	M167	M168	M171	Remarks and comments
Identity.system_identifier	Description.title	Relation.has_user	Relation.entity_agent	
<R01>	CentralAdministrator	<U01>		
<R02>	CaseWorker	<U02>, <U04>, <U05>		
<R03>	Reviewer	<U03>		
<R04>	ExternalApplication	<U06>	<EA01>	This role is assigned to all external applications that interact with the ERMS.

5.1.1.3 User Groups

The values to be used for testing are arbitrary.

5.1.2 Access controls

The following tables show the Entity/Agent relation and the access of agents to functions.

5.1.2.1 Entity/Agents

The following Entity/Agents describe which agent has no access to an entity of the classification scheme.

M175	M177	M176	M180	M181	M179
Identity.system_identifier	Relation.applies_to_agent	Relation.applies_to_entity	Use.rights.permission	Use.rights.end_date	Use.rights.start_date
<EA01>	<R04>	<CS01/003>	NO		

5.1.2.2 Access permissions of user roles to functions

Please note that the access permissions of a user role to the corresponding ERMS function are indicated by 'X'. If a user role has no access permissions to a function the corresponding cell is grey.

The following roles have access to the ERMS' functions:

Function	<R01> CentralAdministrator	<R02> CaseWorker	<R03> Reviewer
Add new classes	X		X
Create new files	X		X
Create new case files	X	X	
Change file metadata	X		
Maintain classification scheme and files	X		
Delete files	X		
Capture records	X		
Relocate a record to a different file	X		X
Search for and read records	X		X
Change content of records			
Change record metadata	X		
Delete records	X		
Place and remove disposal holds	X		
Retention and disposition schedule and disposition transactions	X		
Export and import files and records	X		
View audit trails	X		
Configure and manage audit trail	X		



Function	<R01> CentralAdministrator	<R02> CaseWorker	<R03> Reviewer
Change audit trail data			
Move audit trail data to off-line storage media	X		
Perform all transactions related to users and their access privileges	X		
Allocate access controls to local administrator	X		
Allocate own access controls also to other users	X		
Maintain database and storage	X		
Maintain other system parameters	X		
Define and view other system reports	X		

5.2 Classification Scheme(s)

This section includes all classification scheme(s) that are used within the test cases of the corresponding test module. First of all you will find the metadata for the classification scheme itself.

The next chapter(s) describe(s) the metadata of the aggregations and records as defined in the classification scheme(s).

Please note:

- ◆ it is possible that more than one classification scheme is defined. Therefore the fully-qualified classification code contains a prefix that uniquely identifies an entity across different classification schemes. Example: A class has the fully-qualified classification code <CS01/001>. This means that prefix CS01 indicates the classification scheme as specified above (M044)
- ◆ we only take metadata into account which are needed for testing. A full approach is not intended here.

M044	M045	M046
Identity.system_identifier	Description.title	Description.abstract.description
<CS01>	TestClassificationScheme1	

5.2.1 TestClassificationScheme1 – metadata of aggregations and records

M012		M003	M172	M108
Description.classification.fully-qualified_classification_code	Type	Description.title	Relation.Entity_agent	Description.classification_case_id
<CS01/001>	Class	Business units		
<CS01/001/001>	Class	Strategy		
<CS01/001/001/001>	File	CaseFile1		
<CS01/001/001/002>	File	CaseFile2		<User1_29012006>

M012		M003	M172	M108
Description.classification.fully-qualified_classification_code	Type	Description.title	Relation.Entity_agent	Description.classification_case_id
<CS01/001/001/003>	File	CaseFile3		<User1_30012006>
<CS01/001/001/004>	File	CaseFile4		
<CS01/001/001/005>	File	CaseFile5		
<CS01/001/001/006>	File	CaseFile6		
<CS01/001/001/007>	File	CaseFile7		<User1_12082007>
<CS01/001/001/008>	File	CaseFile8		<User1_12062007>
<CS01/001/001/009>	File	CaseFile9		<User1_24082007>
<CS01/001/001/009/001>	Record	Record1		
<CS01/001/001/010>	File	CaseFile10		
<CS01/001/001/011>	File	CaseFile11		
<CS01/001/001/012>	File	CaseFile12		
<CS01/001/001/013>	File	CaseFile13		
<CS01/001/002>	Class	Management		
<CS01/001/003>	Class	Controlling	<EA01>	
<CS01/001/004>	Class	Accounting		
<CS01/001/004/001>	Record	Record2		
<CS01/001/004/002>	Record	Record3		
<CS01/001/005>	Class	Personal		
<CS01/001/005/001>	Record	Record4		

M012		M003	M172	M108
Description.classification.fully-qualified_classification_code	Type	Description.title	Relation.Entity_agent	Description.classification_case_id
<CS01/001/006>	Class	Acquisition		
<CS01/001/006/001>	Record	Record5		

5.3 Record Types

The values to be used for testing are arbitrary.

5.4 Retention and Disposition Schedules

The retention and disposition schedule <RDS01> should be applied as default if required.

M008	M024	M014	M013	M052	M133	M015	M030
Identity.system_identifier.retention_and_disposition_schedule	Description.title*	Event_plan.event_type.disposition_action	Event_plan.period*	Event_plan.event_trigger	Use.status.inheritance	Reason	Description.Mandate*
<RDS01>	RDS_a01	Retain indefinitely	Indefinite	No		Test	Testing Regime

* Optional

5.5 Content of Captured Records

The values to be used for testing are arbitrary.