



Software  
Quality Assurance and Test



# MoReq2 Test Framework Status update



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DLM Forum Member Meeting, Ljubljana  
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- ◆ Status of the Test Framework
- ◆ Some statistics
- ◆ Summary of the review results
- ◆ Finalisation

## CONTENTS

1 INTRODUCTION

M008	M008	Identity.system_identifier	Retention.schedule
<RDSb12>	RDSb12	Identity.system_identifier	Retention.schedule
<RDSc01>	RDSc01	Identity.system_identifier	Retention.schedule
<RDSc02>	RDSc02	Identity.system_identifier	Retention.schedule
<RDSc03>	RDSc03	Identity.system_identifier	Retention.schedule
<RDSd01>	Rds_Test1d	Present for review	1 year
<RDSd02>	Rds_Test2d	Present for review	1 year
<RDSd03>	Rds_Test3d	Present for review	

2

3

### 1.1.1 Agents (Users, User Groups and User Roles)

The following tables show the metadata of agents

#### 1.1.1.1 Users

Following users need to be created or will be created

M163	M167	M189
Identity.system_identifier	Description.title	Description.email
<U01>	CA_user	
<U02>	MM_user1	
<U03>		
<U04>		

#### 1.1.1.2 User roles

Following roles need to be created

M163	M167
Identity.system_identifier	Description.title
<R01>	Central Administrator

	new	administrative role	expiry	extension
<RDSd01>	Rds_Test1d	Present for review	1 year	extension
<RDSd02>	Rds_Test2d	Present for review	1 year	extension
<RDSd03>	Rds_Test3d	Present for review		

### T3.1.3.4 The Export of a Classification Scheme and Selected Audit Trail Data

I. Global test case information

test case id:	T3.1.3.4		
test case priority:	<input type="checkbox"/> Mandatory	<input checked="" type="checkbox"/> Optional	<input type="checkbox"/> Not Testable
test case description:	An administrative role exports a classification scheme with all its audit trail data. Ensure that this export includes all audit trail data. The administrator exports the classification scheme again, just taking selected audit trail data into account.		
Req-ID:	3.1.20		

II. Test case

a. precondition(s)

- The ERMS supports the export of all or parts of the classification scheme (see test case T3.1.3.1)
- TestclassificationScheme7 is created.
- For test case T3.1.3.4 an external target folder .../export is created.
- For test case T3.1.3.4 an administrative role CentralAdministrator is created.

Step	Check/ expected result
1. Export classification scheme	TestclassificationScheme7 is exported. All records of TestclassificationScheme7 are still stored in the ERMS.
2. Export classification scheme and just a part of the audit trail data to the folder .../export	The export includes the audit trail data to TestclassificationScheme7
3. Analyse the output of the export	TestclassificationScheme7 is exported. All records of TestclassificationScheme7 are still stored in the ERMS.
4. Analyse the output of the export	The export includes the selected part of the audit trail data to TestclassificationScheme7

c. postcondition(s)

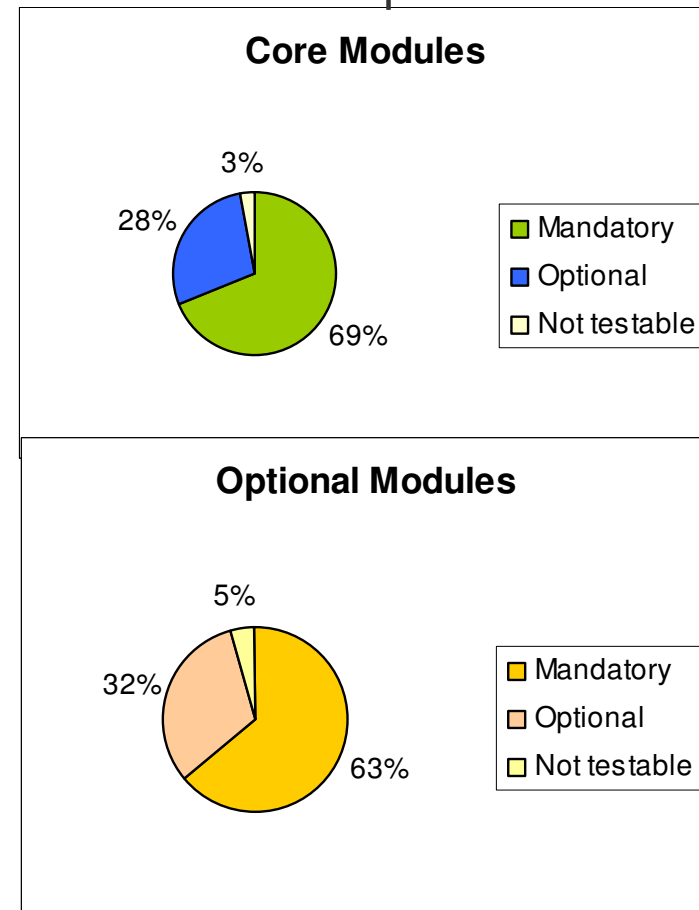
- The ERMS ensures that an export of a classification scheme includes all audit trail data.
- The ERMS allows an administrative role to select which audit trail data are included in the export of a classification scheme.

III. Test result

defects / deviations	verdict
	<input type="checkbox"/> passed
	<input type="checkbox"/> failed
Remarks	tester
	date, signature

- ◆ Chapter 1+2: Introduction / Overview
- ◆ Chapter 3 – 9: Core modules
  - ◆ Test Cases
  - ◆ Test Data
- ◆ Chapter 10: Optional modules (12 sub chapters)
  - ◆ Test Cases
  - ◆ Test Data

Test case priorities



# Review of the Test Framework



- ◆ Draft 4 published in February / March at

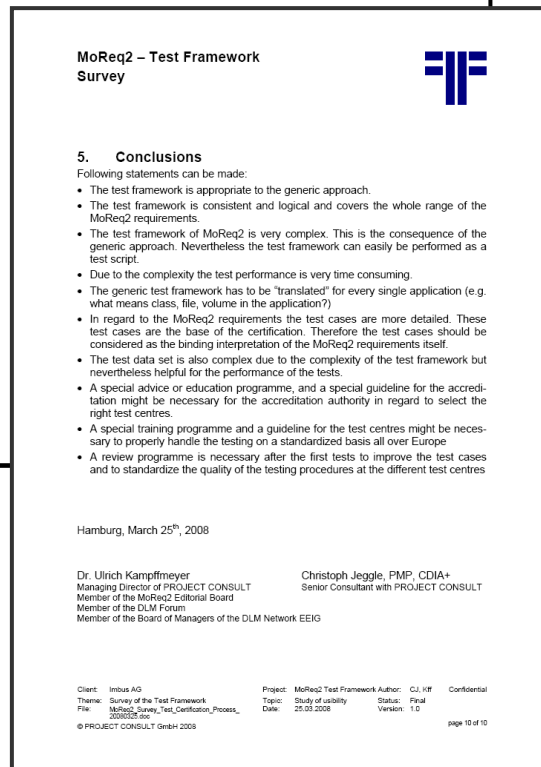
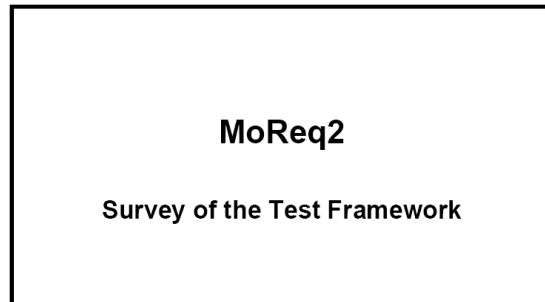
<http://www.moreq2.eu/>

- ◆ Reviewers

- ◆ Serco
- ◆ Open Text
- ◆ EMC
- ◆ Tower Software
- ◆ PROJECT CONSULT

B	C	D	E	F	G	H	I	J	K	L	M
Test Case ID	Comment	Reason for comment	Severity High / Medium / Low	Review ID	Date of Review	Test Material Document	Version of reviewed testing material	Link to document with remark	Revised by	Status new / observe / in progress / rejected / done	Internal description/explanation
4	The description states "A check is made to confirm that the ERMS denies any attempt to create a class in a class where a class or record exists already". Should this not be where a File or Record exists										
5	T3.1.6.3		Low	R1	05.03.2008	Test module3_Class4			CS	done	ausgebessert
6	T3.3.2.2		Low	R1	05.03.2008	Test module3_Class4			CS	done	ausgebessert
7	T4.2.2.1		Low	R1	05.03.2008	Test module4_Contr4			CS	done	ausgebessert
8	T4.2.3.3		Wrong object type	R1	05.03.2008	Test module4_Contr4			CS	done	ausgebessert
9	T4.2.5		Typo in step c "annotation" should be annotation	R1	05.03.2008	Test module4_Contr4			CS	done	gemeint ist Testfall T4.2.5.1; ausgebessert
10	Kapitel 10.6		Missing Info	R2	10.03.2008	Kapitel 10.6	4		CS	done	Kapitel 10.6 ist momentan noch ohne TDR eingetragen - ausgebessert
11	Kapitel 10.6		Missing Info	R2	10.03.2008	Kapitel 10.6	4		CS	new	
12	T5.1.1.4			R3	29.01.2008	Test module5_Reter3			CS	done	in Version 4 bereits eingearbeitet
13	T5.1.1.8			R3	29.01.2008	Test module5_Reter3			CS	done	durch Hinzufügen von Kommentar in Kapitel 2 und TDR gelöst
14	T5.1.4.2			R1	07.02.2008	Test module5_Reter3			CS	done	in Version 4 bereits eingearbeitet
15	T5.1.5.3			R1	07.02.2008	Test module5_Reter3			CS	done	in Version 4 bereits eingearbeitet
16	T5.1.5.4			R1	07.02.2008	Test module5_Reter3			CS	rejected	nicht Fokus des Testfalls - wird an anderer Stelle bereits getestet
17	T5.1.6.2			R1	07.02.2008	Test module5_Reter3			CS	done	in Version 4 bereits eingearbeitet
18	T3.3.3.5			R4	11.12.2007	Test module3_Class3			CS	done	ausgebessert
19	2759			R4	11.12.2007	Test module3_Class2			CS	done	Requirement entspricht 3.3.14 und ist eingearbeitet
20	3660			R4	11.12.2007	Test module3_Class2			CS	done	Requirement entspricht 3.3.16 und ist eingearbeitet
21	T3.4.2.3			R4	11.12.2007	Test module3_Class2			CS	done	ist in Version 4 bereits auf mandatory geändert
22	T3.2.7.3			R4	11.12.2007	Test module3_Class2			CS	done	entsprechender Testfall (T3.2.7.1) wurde geändert
23	T3.2.7.1			R4	11.12.2007	Test module3_Class2			CS	rejected	betroffenes Requirement 2091 gelöst?
24	Requirement 4699			R4	11.12.2007	Test module3_Class2			CS	new	spricht den Umgang mit mandatory Requirements an, die eine optionale Vorbedingung haben

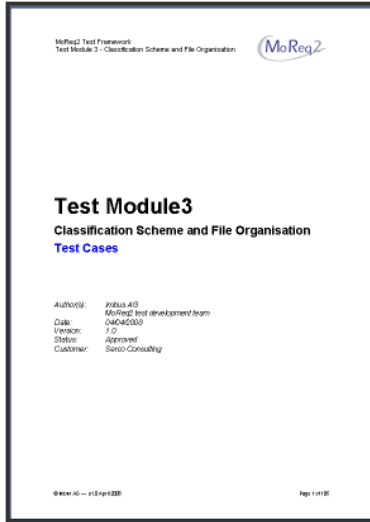
## Thank you to the reviewers!



<http://www.moreq2.eu>

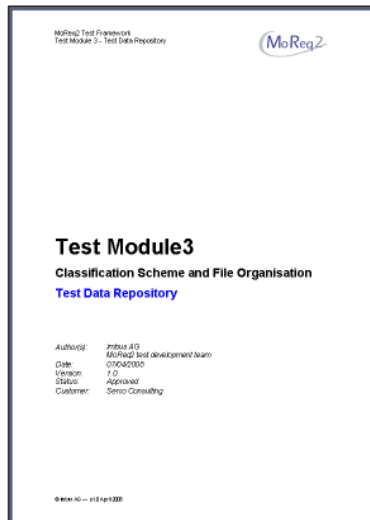
- ◆ Appropriate to the generic approach of MoReq2
- ◆ Consistent and logical – Covers the range of the MoReq2 Requirements
- ◆ Complex as consequence to the generic approach
- ◆ Time consuming Test Performance
- ◆ But easy to be performed
- ◆ Know-how needed for an specific application
- ◆ Specialized trained test centres needed for a proper testing on standard basis

# Our current work



- ◆ Final version „Release 1.0“

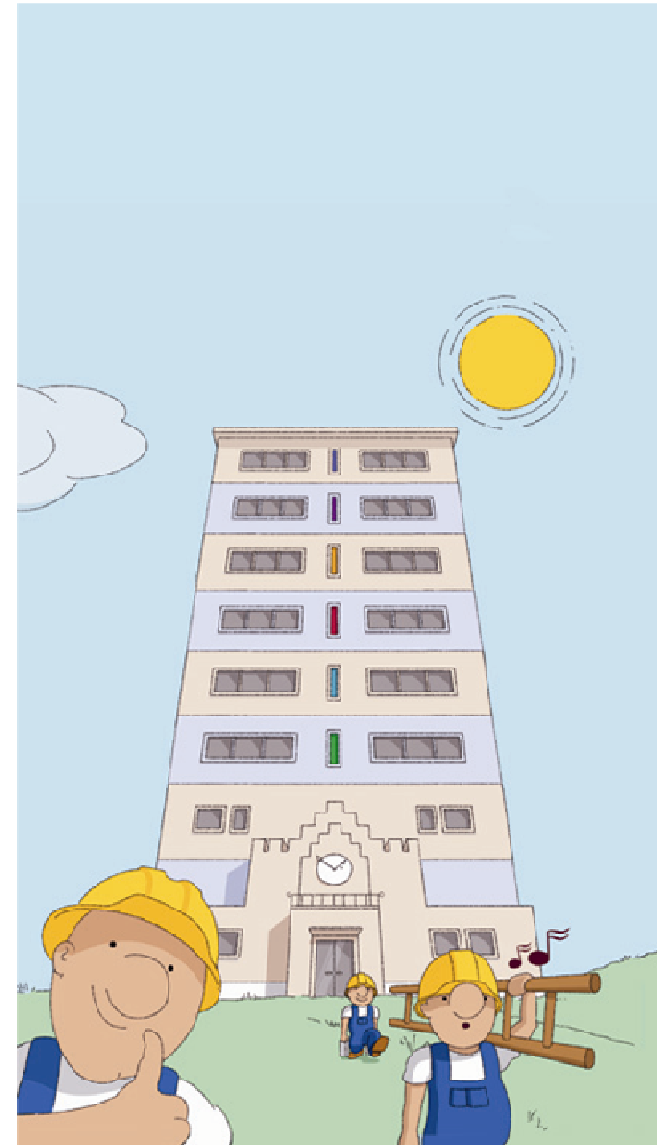
- ◆ Adapt new MoReq2 layout
- ◆ Changes according to the review comments



- ◆ Publish date in Mid April 2008

- ◆ MoReq2 Test Framework / Release 1.0
  - ◆ available in a few days
- ◆ Ready for practical use
- ◆ By now - focus on:
  - ◆ Governance
  - ◆ Maintenance

→ **DLM Forum**



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