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MoReq2010®

Modular Requirements for Records Systems

Test Framework

Test Module 201: Hierarchical classification

Version 0.1 BETA

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# 201.0 Scope

## 201.0.1 Introduction

This test module tests requirements from the following sections of the MoReq2010® specification:

* **2. System Services**
* **4. Model Role Service**
* **5. Classification Service**
* **6. Record Service**
* **7. Model Metadata Service**
* **10. Searching and Reporting Service**
* **11. Export Service**
* **101. Graphical User Interface**
* **102. Application Programming Interface**
* **201. Hierarchical Classification**

Of these the major emphasis of the test module is placed on **5. Classification Service** and in particular **201. Hierarchical Classification**.

This test module should be used whenever the core services of MoReq2010® are being tested and must be tested after **Test Module 0: Familiarisation and training**.

Additional notes are provided to test centres for clarity throughout. From time-to-time the test scripts will be updated; be sure to check that you are using the most up-to-date version of the testing materials.

## 201.0.2 Important notice about test case T201.2.36

Test case **T201.2.36** of this test module tests requirement **R201.4.10**. This test case should **only** be used if the test system implements the model role service. If the test system implements a native role service then a custom test case demonstrating equivalent functionality and agreed by the supplier, the test centre and the DLM Forum, must be substituted and approved prior to completing this test module.

## 201.0.3 Important notice about test case T201.2.37

Test case **T201.2.37** of this test module tests requirement **R201.4.11**. This test case should **only** be used if the test system implements the model metadata service. If the test system implements a native metadata service then a custom test case demonstrating equivalent functionality and agreed by the supplier, the test centre and the DLM Forum, must be substituted and approved prior to completing this test module.

## 201.0.4 Note on requirements R5.4.4 and R5.4.8

Note that functional requirements **R5.4.4** and **R5.4.8** of MoReq2010® are only partially tested within this test module. These requirements are more fully tested in **Test Module 3: Records**.

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# TEST MODULE 201: HIERARCHICAL CLASSIFICATION

(To be completed by the test centre)

# 201.1 Observation record

Supplier name

Product name and version

Test centre name

Date of test

Test location

Supplier representative(s) present during testing

Test centre representative(s) present during testing

DLM Forum observer(s) present during testing

Test system technical architecture, hardware, software and operating system(s)

Test outcomes

Fill in with 🗹 or 🗷 to ensure all test outcomes are met

🞏 The test system was correctly configured prior to testing

🞏 The test system was not reconfigured during testing

🞏 The test module was completed in a single session

🞏 All test cases in the test module were completed, in order

🞏 All test cases in the test module were completed successfully

Refer to the individual test results for all test cases in this test module

Additional remarks or observations

# 201.2 Test script – Hierarchical classification

All test cases in the test script for this test module must be completed in order before moving onto the next test case.

## T201.2.1 – Test case

### 201.2.1.1 Test case description

**Initial error check**

### 201.2.1.2 Test case preconditions

* Test system is operational
* Test data (see **Appendix 201.A Test Data**) are loaded onto test system
* Where the test system uses an API then a suitable test harness has been provided (see the **Test Framework: Overview and Instructions, 4.1 Providing a test harness for API interfaces**)
* The test system has been configured, under **R2.4.13** such that performing any function system wide will generate an event under **R2.4.15** and **R2.4.16** – in other words, all function definitions must have their Generate Event Flag (**M14.4.34**) set
* The test system has been configured, under **R2.4.20** such that the events generated by all functions system wide will be retained by residual entities – in other words, all function definitions must have their Retain On Destruction Flag (**M14.4.88**) set
* The test system has been configured, under **R4.5.8** such that every access control list is set to inherit all roles, not just administrative roles – in other words, the Include Inherited Roles Flag (**M14.4.43**) for all access control lists for all entities is set by default

### 201.2.1.3 Test case steps (instructions)

* Before logging into the test system take a copy of the external error log, under **R2.4.7**

### 201.2.1.4 Test case post-conditions (expected result)

* Errors in the external error log must contain at least the information listed under **R2.4.7**

### 201.2.1.5 Notes to test centre

* Check whether there are any errors generated by functions failing to perform under **R2.4.8**
* Note that **R2.4.8** is not tested directly unless an error occurs during testing, instead it is tested indirectly through this test case

### 201.2.1.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.2 – Test case

### 201.2.2.1 Test case description

**Initial compliance check**

### 201.2.2.2 Test case preconditions

* **T201.2.1** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.1** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.2.3 Test case steps (instructions)

* Log into the test system as user **Usr.201.1** under **R3.4.1**
* Generate the compliance report for the test system under **R2.4.5**

### 201.2.2.4 Test case post-conditions (expected result)

* User **Usr.201.1** logs in successfully
* The compliance report contains all of the information and metadata required by **R2.4.5** and **R2.4.2**
* Specifically, the compliance report must show compliance with, at least:
  + **User and Group Service v1.x** (**cd532472-85b0-4c1c-82b4-5c8370b7d0e6**)
  + **Model Role Service v1.x (2f6d05c6-51e6-4a32-a7fc-c0a6883eb85b)**

**OR Native Role Service v1.x (d945dcd9-dc2d-491d-965a-11ce936d044b)**

* + **Classification Service v1.x** (**10fea10e-9c2f-4760-9095-f4f9295f4b19**)
  + **Record Service v1.x** (**ced3d0df-3f9f-4807-9e96-b5b790adad4a**)
  + **Model Metadata Service v1.x** (**a600f8d0-2d58-418e-bb41-211d1fd42350**)

**OR Native Metadata Service v1.x** (**66bf4419-d92f-4358-8506-7ee9c06abdcd**)

* + **Disposal Scheduling Service (fd05e284-181f-4f5d-bd8c-4bed835c8931)**
  + **Disposal Holding Service (2e4a8618-c4b3-470f-8ccb-03e2d5e07026)**
  + **Searching and Reporting v1.x** (**f09984a5-dd31-44d8-9607-22521667c78a**)
  + **Export Service v1.x** (**2777ab81-057e-4aa4-9595-69459ec2dc1e**)
  + **Hierarchical Classification v1.x** (**5c772478-0a49-4391-a1d4-a5cd142a72d1**)
  + **Graphical User Interface v1.x (0f9584e5-552a-4a79-a8ea-3c2801765255)**

**AND/OR Application Programming Interface (654633ec-8b17-4a3c-a483-436ee2bd506a)**

* The compliance report must use the UUIDs listed above, under **R2.4.23**

### 201.2.2.5 Notes to test centre

* Under **R5.4.1** the classification service must implement classes in accordance with a plug-in module from the **200. Classification Series**, in this case it must be **201. Hierarchical classification**
* Describe in the remarks how the user performs a compliance check

### 201.2.2.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.3 – Test case

### 201.2.3.1 Test case description

**Check the disposal schedule of a record**

### 201.2.3.2 Test case preconditions

* **T201.2.2** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.2** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.3.3 Test case steps (instructions)

* Search for record **Rec.201.1** under **R6.5.17**
* Inspect the record under **R6.5.17**
* Browse from the record to its disposal schedule under **R6.5.17**
* Inspect the disposal schedule of record **Rec.201.1**

### 201.2.3.4 Test case post-conditions (expected result)

* Record **Rec.201.1** is found successfully
* The class for record **Rec.201.1** is hierarchical class **hCls.201.1**
* The disposal schedule for record **Rec.201.1** is **DiS.201.1**
* Record **Rec.201.1** inherits disposal schedule **DiS.201.1** from its class **hCls.201.1**
* Disposal schedule **DiS.201.1** is to “retain permanently”

### 201.2.3.5 Notes to test centre

* This test case should work the same for any of records **Rec.201.1**, **Rec.201.2** and **Rec.201.3** – all of these records should inherit the same disposal schedule
* Records **Rec.201.1**, **Rec.201.2** and **Rec.201.3** are in aggregation **Agg.201.1** and are part of the test data that should be configured prior to testing in accordance with **Appendix 201.A – Test Data For Test Module 201**

### 201.2.3.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.4 – Test case

### 201.2.4.1 Test case description

**Browse available services (or bundles of services) and inspect the metadata of the classification service**

### 201.2.4.2 Test case preconditions

* **T201.2.3** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.3** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.4.3 Test case steps (instructions)

* Browse the services (**E14.2.14**) of the test system, under **R2.4.3**
* Inspect the metadata of the classification service or the bundle of services that contains the classification service, under **R2.4.3** and **R5.4.1**

### 201.2.4.4 Test case post-conditions (expected result)

* The test system must allow browsing of all services listed under **R2.4.1**, either as individual services or within one or more bundles of services
* The test system must allow inspection of the metadata of services or bundles of services where each service or bundle of services has the metadata listed under Inspect the metadata of the classification service or the bundle of services that contains the classification service, under **R2.4.3**
* The metadata of the classification service or bundle of services must match the compliance report generated previously under **T201.2.2**

### 201.2.4.5 Notes to test centre

It is possible that the test system implements all services as part of a single bundle. In this circumstance the metadata will relate to the test system as a whole.

Where the test system implements more than one of the **200** classification series plug-in modules the test operator must be satisfied, before passing this test case, that each individual classification service only implements a single type of classification scheme in accordance with functional requirement **R201.4.1**.

Note that only a service that provides hierarchical classification should be tested under this test module.

### 201.2.4.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.5 – Test Case

### 201.2.5.1 Test case description

**Modify the metadata of the classification service**

### 201.2.5.2 Test case preconditions

* **T201.2.4** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.4** was completed
* The test operator is logged in as user **Usr.201.1**
* The Title (**M14.4.104**), Description (**M14.4.16**) and Owner Information (**M14.4.62**) for the classification service or bundle of services containing the classification service must NOT have been set to the values below prior to this test case

### 201.2.5.3 Test case steps (instructions)

* Modify the metadata of the classification service or bundle of services containing the classification service, under **R2.4.4**, as follows:
  + Change Title (**M14.4.104**) to “MoReq2010® Test System”
  + Change Description (**M14.4.16**) to “Test Module 201: Hierarchical classification”
  + Change Owner Information (**M14.4.62**) to the name and address of the test centre
* Add a comment, “Changed during testing” under **R2.4.18**

### 201.2.5.4 Test case post-conditions (expected result)

* The metadata is modified correctly to the input values
* The comment has been accepted as part of the event generated by the changes to the metadata

### 201.2.5.5 Notes to test centre

* Make a note (or screenshot) of the values of the metadata prior to changing them
* Ensure that you can include the Unicode “®” character (U+00AE) in accordance with **R2.4.28**

### 201.2.5.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.6 – Test Case

### 201.2.6.1 Test case description

**Browse a hierarchical class in the classification service**

### 201.2.6.2 Test case preconditions

* **T201.2.5** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.5** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.6.3 Test case steps (instructions)

* From the classification service or bundle of services containing the classification service browse through the hierarchical classes under **R5.4.7**
* Find class **hCls.201.1** and inspect its metadata under **R5.4.7**
* From the class **hCls.201.1** browse to its default disposal schedule under **R5.4.7**
* Inspect the metadata of **DiS.201.1**

### 201.2.6.4 Test case post-conditions (expected result)

* Class **hCls.201.1** must be present and be one of the hierarchical classes managed by the classification service or a bundle of services including the classification service
* Class **hCls.201.1** must have the metadata elements listed under **R5.2.2** and **R201.4.2**
* The metadata for class **hCls.201.1** must be in accordance with the values describing it in **Appendix 201.A Test Data For Test Module 201**
* In particular the First Used Timestamp (**M14.4.32**) must be set (because class **hCls.201.1** has previously been used for classification – see aggregation **Agg.201.1**)
* The default disposal schedule for **hCls.201.1** must be **DiS.201.1**
* The metadata for disposal schedule **hCls.201.1** must be in accordance with the values describing it in **Appendix 201.A Test Data For Test Module 201**

### 201.2.6.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.7 – Test Case

### 201.2.7.1 Test case description

**Attempt to delete or destroy a class that is in use**

### 201.2.7.2 Test case preconditions

* **T201.2.6** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.6** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.7.3 Test case steps (instructions)

* Attempt to delete hierarchical class **hCls.201.1** under **R5.4.5**
* Attempt to destroy hierarchical class **hCls.201.1** under **R5.4.6**

### 201.2.7.4 Test case post-conditions (expected result)

* The user cannot delete hierarchical class **hCls.201.1**
* The user cannot destroy hierarchical class **hCls.201.1**

### 201.2.7.5 Notes to test centre

* Hierarchical class **hCls.201.1** cannot be deleted under **R5.4.5** because it has been used previously (this is shown by the First Used Timestamp in the previous test case)
* The user cannot destroy hierarchical class **hCls.201.1** under **R5.4.5** because it is currently associated with an active aggregation (**Agg.201.1**) and an active record (**Rec.201.1**)

### 201.2.7.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.8 – Test Case

### 201.2.8.1 Test case description

**Modify the metadata of a hierarchical class entity**

### 201.2.8.2 Test case preconditions

* **T201.2.7** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.7** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.8.3 Test case steps (instructions)

* Modify the metadata of the hierarchical class **hCls.201.1**, under **R5.4.3**, as follows:
  + Change Title (**M14.4.104**) to “hCls.201.1 – changed during T201.2.8”
  + Change Description (**M14.4.16**) to “Top level class used for testing only”
  + Change Scope Notes (**M14.4.97**) to “The default disposal schedule associated with this hierarchical class is – Review 5 years after aggregation closed”
* Add a comment, “Changed during testing” under **R2.4.18**
* Under **R5.4.4** change the default disposal schedule of hierarchical class **hCls.201.1** to the disposal schedule **DiS.201.7**
* Add a comment, “Disposal schedule changed during testing” under **R2.4.18**

### 201.2.8.4 Test case post-conditions (expected result)

* The metadata is modified correctly to the input values
* The comment has been accepted as part of the event generated by the changes to the metadata

### 201.2.8.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.9 – Test Case

### 201.2.9.1 Test case description

**Attempt to create a child class for a hierarchical class that has been used previously**

### 201.2.9.2 Test case preconditions

* **T201.2.8** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.8** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.9.3 Test case steps (instructions)

* Attempt to create a new hierarchical class and add it to the classification service as a child of class **hCls201.1** under **R5.4.2**, **R201.4.2** and **R201.4.3**

### 201.2.9.4 Test case post-conditions (expected result)

* The user cannot create a hierarchical class as a child of **hCls.201.1**

### 201.2.9.5 Notes to test centre

* Hierarchical class **hCls.201.1** has been used previously for classification (see **T201.2.7** above)
* Under **R201.4.3** a class cannot be created within a class that has been used for classification

### 201.2.9.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.10 – Test Case

### 201.2.9.1 Test case description

**Attempt to create a top level hierarchical class without a default disposal schedule**

### 201.2.10.2 Test case preconditions

* **T201.2.9** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.9** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.10.3 Test case steps (instructions)

* Attempt to create a new hierarchical class and add it to the classification service as a top level class under **R5.4.2** and **R201.4.3** without specifying a value for the Default Disposal Schedule Identifier (**M14.4.11**)

### 201.2.10.4 Test case post-conditions (expected result)

* The user cannot create a class as a top level hierarchical class without providing a Default Disposal Schedule Identifier

### 201.2.10.5 Notes to test centre

* Under **R201.4.5** a hierarchical class can be created as a child of another parent class without specifying a default disposal schedule (the class will inherit this value from its parent class)
* However, a top level class must have a default disposal schedule

### 201.2.10.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.11 – Test Case

### 201.2.11.1 Test case description

**Create top level hierarchical classes**

### 201.2.11.2 Test case preconditions

* **T201.2.10** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.10** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.11.3 Test case steps (instructions)

* From the classification service or bundle of services containing the classification service add a new top level hierarchical class under **R5.4.1** and **R201.4.3** with the following metadata:
  + Title (**M14.4.104**) is “hCls.201.2”
  + Description (**M14.4.16**) is “Top level class 2”
  + Scope Notes (**M14.4.97**) is “Not used for classification of records”
  + Disposal Schedule Identifier (**M14.4.11**) is **DiS.201.5**
* From the classification service or bundle of services containing the classification service add a new top level hierarchical class under **R5.4.1** and **R201.4.3** with the following metadata:
  + Title (**M14.4.104**) is “hCls.201.3”
  + Description (**M14.4.16**) is “Top level class 3”
  + Scope Notes (**M14.4.97**) is “Not used for classification of records”
  + Disposal Schedule Identifier (**M14.4.11**) is **DiS.201.7**
* Find class **hCls.201.2** and inspect its metadata under **R5.4.7**
* Find class **hCls.201.3** and inspect its metadata under **R5.4.7**

### 201.2.11.4 Test case post-conditions (expected result)

* **hCls.201.2** and **hCls.201.3** must be created successfully and be present as top level classes with the metadata given above
* **hCls.201.2** and **hCls.201.3** must be associated with disposal schedules **DiS.201.5** and **DiS.201.7** respectively (see **R201.4.3**)

### 201.2.11.5 Notes to test centre

When inspecting the metadata of **hCls.201.2** and **hCls201.3** ensure that they are top level hierarchical classes that do **not** have a Hierarchical Parent Class Identifier (**M201.7.2**) under **R201.4.2**

### 201.2.11.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.12 – Test Case

### 201.2.12.1 Test case description

**Create child hierarchical classes**

### 201.2.12.2 Test case preconditions

* **T201.2.11** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.11** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.12.3 Test case steps (instructions)

* Under **R5.4.1**, **R201.4.2** and **R201.4.3** add a new child hierarchical class:
  + Title (**M14.4.104**) is “hCls.201.4”
  + Description (**M14.4.16**) is “Child class 4”
  + Scope Notes (**M14.4.97**) is “Not used for classification of records”
  + Hierarchical Parent Class Identifier (**M201.7.2**) is **hCls.201.2**
* Under **R5.4.1**, **R201.4.2** and **R201.4.3** add a new child hierarchical class:
  + Title (**M14.4.104**) is “hCls.201.5”
  + Description (**M14.4.16**) is “Child class 5”
  + Scope Notes (**M14.4.97**) is “Used for classification”
  + Hierarchical Parent Class Identifier (**M201.7.2**) is **hCls.201.3**
* Under **R5.4.1**, **R201.4.2** and **R201.4.3** add a new child hierarchical class:
  + Title (**M14.4.104**) is “hCls.201.6”
  + Description (**M14.4.16**) is “Child class 6”
  + Scope Notes (**M14.4.97**) is “Used for classification”
  + Hierarchical Parent Class Identifier (**M201.7.2**) is **hCls.201.4**

### 201.2.12.4 Test case post-conditions (expected result)

* **hCls.201.4** must be created successfully as a child class of **hCls.201.2**
* **hCls.201.5** must be created successfully as a child class of **hCls.201.3**
* **hCls.201.6** must be created successfully as a child class of **hCls.201.4**
* **hCls.201.4**, **hCls.201.5** and **hCls.201.6** all inherit their disposal schedules from their parent classes – **hCls.201.4** and **hCls.201.6** both inherit **DiS.201.5** while **hCls.201.5** inherits **DiS.201.7**

### 201.2.12.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.13 – Test Case

### 201.2.13.1 Test case description

**Attempt to reclassify with a parent class**

### 201.2.13.2 Test case preconditions

* **T201.2.12** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.12** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.13.3 Test case steps (instructions)

* Find or browse to aggregation **Agg.201.2** and attempt to reclassify it under **R6.5.4** with class **hCls.201.3**

### 201.2.13.4 Test case post-conditions (expected result)

* Aggregation **Agg.201.2** cannot be reclassified with **hCls.201.3** in contravention of **R201.4.6**

### 201.2.13.5 Notes to test centre

This is because **hCls.201.3** is a parent class

### 201.2.13.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.14 – Test Case

### 201.2.14.1 Test case description

**Classify an aggregation**

### 201.2.14.2 Test case preconditions

* **T201.2.13** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.13** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.14.3 Test case steps (instructions)

* Find or browse to aggregation **Agg.201.2** and reclassify it under **R6.5.4** with class **hCls.201.5**
* Inspect the metadata of **Agg.201.2** under **R6.5.9** and ensure that its Class Identifier (**M14.4.4**) has been correctly updated
* Find or browse to records **Rec.201.2** and **Rec.201.3** under **R6.5.17** to ensure that:
  + Their classes (inherited from aggregation **Agg.201.1**) have been correctly updated, and
  + Their disposal schedules (inherited from their new class **hCls.201.5**) have been correctly updated (to **DiS201.7**)

### 201.2.14.4 Test case post-conditions (expected result)

* The class for aggregation **Agg.201.2** is now **hCls.201.5**
* The class for records **Rec.201.2** and **Rec.201.3** is now **hCls.201.5**
* The disposal schedule for records **Rec.201.2** and **Rec.201.3** is now **DiS.201.7**

### 201.2.14.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.15 – Test Case

### 201.2.15.1 Test case description

**Classify a record**

### 201.2.15.2 Test case preconditions

* **T201.2.14** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.14** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.15.3 Test case steps (instructions)

* Find or browse to record **Rec.201.3** in aggregation **Agg.201.2** and reclassify it under **R6.5.12** with class **hCls.201.1** (overriding the inherited classification)
* Inspect the metadata of **Rec.201.3** under **R6.5.17** and ensure that its Class Identifier (**M14.4.4**) has been correctly updated and its disposal schedule (inherited from its new class **hCls.201.5**) is also correctly updated to **DiS.201.1**

### 201.2.15.4 Test case post-conditions (expected result)

* The class for record **Rec.201.3** is now **hCls.201.1** and overrides **hCls.201.5** which it inherits from aggregation **Agg.201.2**
* The disposal schedule for record **Rec.201.3** is now **DiS.201.1**

### 201.2.15.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.16 – Test Case

### 201.2.16.1 Test case description

**Replace one class with another for all classified entities**

### 201.2.16.2 Test case preconditions

* **T201.2.15** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.15** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.16.3 Test case steps (instructions)

* Under **R5.4.8**, replace the class **hCls.201.1** with the class **hCls.201.6** for all aggregations and records classified by **hCls.201.1**
* Find or browse to aggregation **Agg.201.1** to ensure that its Class Identifier (**M14.4.4**) has been correctly updated to **hCls.201.6**
* Find or browse to record **Rec.201.1** to ensure that:
  + Its class (inherited from aggregation **Agg.201.1**) has been correctly updated, and
  + Its disposal schedule (inherited from its new class **hCls.201.6**) has been correctly updated (to **DiS201.5**)
* Find or browse to record **Rec.201.3** to ensure that:
  + Its class (directly applied to the record) has been correctly updated, and
  + Its disposal schedule (inherited from its new class **hCls.201.6**) has been correctly updated (to **DiS201.5**)

### 201.2.16.4 Test case post-conditions (expected result)

* The class for aggregation **Agg.201.1** is now **hCls.201.6**
* The class for records **Rec.201.1** and **Rec.201.3** is now **hCls.201.6**
* The disposal schedule for records **Rec.201.1** and **Rec.201.3** is now **DiS.201.5**

### 201.2.16.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.17 – Test Case

### 201.2.17.1 Test case description

**Move a child hierarchical class so that it becomes a top level class**

### 201.2.17.2 Test case preconditions

* **T201.2.16** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.16** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.17.3 Test case steps (instructions)

* Browse to hierarchical class **hCls.201.4**
* Under **R201.4.5** move class **hCls.201.4** so that it becomes a top level class with no parent class
* Find or browse to aggregation **Agg.201.1** to ensure that its Class Identifier (**M14.4.4**) remains unchanged
* Find or browse to record **Rec.201.1** to ensure that:
  + Its class remains unchanged, and
  + Its disposal schedule remains unchanged
* Find or browse to record **Rec.201.3** to ensure that:
  + Its class remains unchanged, and
  + Its disposal schedule remains unchanged

### 201.2.17.4 Test case post-conditions (expected result)

* The class **hCls.201.4** has been moved so that it is now a top level class
* Entities classified by **hCls.201.6** (a child class of **hCls.201.4**) remain unaffected

### 201.2.17.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.18 – Test Case

### 201.2.18.1 Test case description

**Attempt to make a hierarchical class a child of a class that has been used previously**

### 201.2.18.2 Test case preconditions

* **T201.2.17** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.17** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.18.3 Test case steps (instructions)

* Attempt to move class **hCls.201.3** under **R201.4.5** so that it becomes a child of class **hCls.201.6**

### 201.2.18.4 Test case post-conditions (expected result)

* The user cannot move class **hCls.201.3** so that it becomes a child of **hCls.201.6**

### 201.2.18.5 Notes to test centre

* Hierarchical class **hCls.201.6** has been used previously for classification (see **T201.2.16**)
* Under **R201.4.5** a class cannot be moved to become a child of a class that has been previously used for classification

### 201.2.18.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.19 – Test Case

### 201.2.19.1 Test case description

**Move a top level hierarchical class so that it becomes a child class that inherits from its parent**

### 201.2.19.2 Test case preconditions

* **T201.2.18** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.18** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.19.3 Test case steps (instructions)

* Under **R201.4.5** move class **hCls.201.3** so that it becomes a child class of **hCls.201.2**, electing as part of the move that **hCls.201.3** will inherit the disposal schedule of its new parent **hCls.201.2**
* Find or browse to aggregation **Agg.201.2** to ensure that its Class Identifier (**M14.4.4**) remains unchanged
* Find or browse to record **Rec.201.2** to ensure that:
  + Its class remains unchanged, **but**
  + Its disposal schedule has been changed to **DiS.201.5**

### 201.2.19.4 Test case post-conditions (expected result)

* Class **hCls.201.3** has been moved so that it is now a child of class **hCls.201.2**
* Class **hCls.201.3** now inherits its disposal schedule from class **hCls.201.2**
* The disposal schedule for **hCls.201.3** is changed to **DiS.201.5** and is no longer **DiS.201.7**
* Entities classified by **hCls.201.5** (a child class of **hCls.201.3**) inherit the new disposal schedule

### 201.2.21.5 Notes to test centre

* Deciding to inherit the disposal schedule of the new parent under **R201.4.5** has a potential impact on records classified by the class, as those that inherit their disposal schedule will change (as in the case of **Rec.201.2**)
* By contrast see what happens when the class’s disposal schedule remains unchanged in the test case **T201.2.21**

### 201.2.19.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.20 – Test Case

### 201.2.20.1 Test case description

**Override the inherited disposal schedule of a class**

### 201.2.20.2 Test case preconditions

* **T201.2.19** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.19** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.20.3 Test case steps (instructions)

* Under **R5.4.4** change the disposal schedule of class **hCls.201.3** to **DiS.201.6** so that it no longer inherits the disposal schedule of its parent class **hCls.201.2** under **R201.4.4**
* Find or browse to aggregation **Agg.201.2** to ensure that its Class Identifier (**M14.4.4**) remains unchanged
* Find or browse to record **Rec.201.2** to ensure that:
  + Its class remains unchanged, **but**
  + Its disposal schedule has been changed to **DiS.201.6**

### 201.2.20.4 Test case post-conditions (expected result)

* Class **hCls.201.3** no longer inherits its disposal schedule from class **hCls.201.2** but instead has its own disposal schedule
* The disposal schedule for **hCls.201.3** is changed to **DiS.201.6** and is no longer **DiS.201.5**
* Entities classified by **hCls.201.5** (a child class of **hCls.201.3**) inherit the new disposal schedule

### 201.2.20.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.21 – Test Case

### 201.2.21.1 Test case description

**Move a child hierarchical class to a new parent class while retaining its disposal schedule**

### 201.2.21.2 Test case preconditions

* **T201.2.20** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.20** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.21.3 Test case steps (instructions)

* Browse to hierarchical class **hCls.201.5**
* Move class **hCls.201.5** under **R201.4.5** so that it becomes a child class of class **hCls.201.4** while retaining its previous disposal schedule (which is **DiS.201.6** see **T201.2.20**)
* Find or browse to aggregation **Agg.201.2** to ensure that its Class Identifier (**M14.4.4**) remains unchanged
* Find or browse to record **Rec.201.2** to ensure that:
  + Its class remains unchanged, **and**
  + Its disposal schedule remains unchanged

### 201.2.21.4 Test case post-conditions (expected result)

* The class **hCls.201.5** has been moved so that its parent class is **hCls.201.4**
* The disposal schedule for **hCls.201.5** remains **DiS.201.6** but is now directly applied to **hCls.201.5** (previously it was inherited from **hCls.201.3**, the previous parent)
* Entities classified by **hCls.201.5** remain unaffected

### 201.2.21.5 Notes to test centre

* Prior to this test case **hCls.201.5** was a child of **hCls.201.3** and inherited its disposal schedule (**DiS.201.6**) from its parent
* In moving class **hCls.201.5** to a new parent (**hCls.201.4**) the user may choose to inherit the disposal schedule of its new parent (**DiS.201.7**) or retain its previous disposal schedule
* Deciding to retain the previous disposal schedule under **R201.4.5** means that it can no longer be inherited from the previous parent but must be directly applied to the child class
* Deciding to retain the previous disposal schedule has (potentially) less impact on records classified by the class, as no changes need to be made to their inherited disposal schedule (by contrast see the test case **T201.2.19**)

### 201.2.21.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.22 – Test Case

### 201.2.22.1 Test case description

**Attempt to delete a class that has been previously used**

### 201.2.22.2 Test case preconditions

* **T201.2.21** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.21** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.22.3 Test case steps (instructions)

* Find or browse to hierarchical class **hCls.201.1**
* Attempt to delete class **hCls.201.1** under **R5.4.5**
* Move class **hCls.201.1** under **R201.4.5** to the parent class **hCls.201.2** so that it retains its previous disposal schedule (**DiS.201.1**)
* Attempt to delete class **hCls.201.1** under **R5.4.5**

### 201.2.22.4 Test case post-conditions (expected result)

* The user cannot delete hierarchical class **hCls.201.1** as a top level class
* The user cannot delete hierarchical class **hCls.201.1** as a child class of **hCls.201.2**

### 201.2.22.5 Notes to test centre

* In each case the user cannot delete class **hCls.201.1** because (similar to test case **T201.2.7**) it has previously been used to classify entities (see **R5.4.5**)
* Contrast this to **T201.2.23** where class **hCls.201.2** has not been used to classify entities directly under **R5.4.5**, but still cannot be deleted because it has children under **R201.4.7**

### 201.2.22.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.23 – Test Case

### 201.2.23.1 Test case description

**Attempt to delete or destroy a class that has active child classes**

### 201.2.23.2 Test case preconditions

* **T201.2.22** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.22** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.23.3 Test case steps (instructions)

* Browse to hierarchical class **hCls.201.2**
* Attempt to delete class **hCls.201.2** under **R5.4.5**
* Attempt to destroy class **hCls.201.2** under **R5.4.6**

### 201.2.23.4 Test case post-conditions (expected result)

* The user cannot delete hierarchical class **hCls.201.2** because of **R201.4.7**
* The user cannot destroy hierarchical class **hCls.201.2** because of **R201.4.8**

### 201.2.23.5 Notes to test centre

* The hierarchical class **hCls.201.2** cannot be deleted under **R5.4.5** and **R201.4.7** because it has child classes: **hCls.201.1** and **hCls.201.3**
* Neither can class **hCls.201.2** be destroyed because its child classes are active under **R201.4.8**
* Contrast this with test case **T201.2.27** where **hCls.201.2** is destroyed once its child classes become residual or are deleted

### 201.2.23.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.24 – Test Case

### 201.2.24.1 Test case description

**Delete a class that has not been used to classify entities**

### 201.2.24.2 Test case preconditions

* **T201.2.23** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.23** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.24.3 Test case steps (instructions)

* Browse to hierarchical class **hCls.201.3**
* Delete class **hCls.201.3** under **R5.4.5**

### 201.2.24.4 Test case post-conditions (expected result)

* Hierarchical class **hCls.201.3** is deleted and no residual class entity remains

### 201.2.24.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.25 – Test Case

### 201.2.25.1 Test case description

**Destroy a class that has been used to classify entities**

### 201.2.25.2 Test case preconditions

* **T201.2.24** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.24** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.25.3 Test case steps (instructions)

* Browse to hierarchical class **hCls.201.1**
* Destroy class **hCls.201.1** under **R5.4.6**

### 201.2.25.4 Test case post-conditions (expected result)

* Hierarchical class **hCls.201.1** is destroyed and becomes a residual class
* Hierarchical class **hCls.201.1** remains a child class of **hCls.201.2** but is no longer active

### 201.2.25.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.26 – Test Case

### 201.2.26.1 Test case description

**Attempt to move a residual class**

### 201.2.26.2 Test case preconditions

* **T201.2.25** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.25** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.26.3 Test case steps (instructions)

* Attempt to move residual hierarchical class **hCls.201.1**, under **R201.4.5**, to become a child class of **hCls.201.4**
* Attempt to move residual hierarchical class **hCls.201.1**, under **R201.4.5**, so that it becomes a top level class

### 201.2.26.4 Test case post-conditions (expected result)

* Residual class **hCls.201.1** cannot be moved to become a child class of another hierarchical class (see **R201.4.5**)
* Residual class **hCls.201.1** cannot be moved to become a top level class (see **R201.4.5**)

### 201.2.26.5 Notes to test centre

Discovering a residual class (for example, **hCls.201.1**) by finding or browsing may require changes to default settings, see **R10.4.7** (and **R101.4.3** where applicable)

### 201.2.26.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.27 – Test Case

### 201.2.27.1 Test case description

**Destroy a class with a residual child class but no active children**

### 201.2.27.2 Test case preconditions

* **T201.2.26** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.26** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.27.3 Test case steps (instructions)

* Browse or find hierarchical class **hCls.201.2**
* Destroy class **hCls.201.2** under **R5.4.6**
* Attempt to move residual class **hCls.201.2**, under **R201.4.5**, to become a child class of **hCls.201.4**

### 201.2.27.4 Test case post-conditions (expected result)

* Hierarchical class **hCls.201.2** is destroyed and becomes a residual class
* Residual class **hCls.201.2** cannot be moved to become a child of another hierarchical class

### 201.2.27.5 Notes to test centre

* At the start of this test case class **hCls.201.2** has no active child classes but it does have a residual child class (**hCls.201.1**)
* Under **R201.4.5** the residual child class cannot be moved to another class (this was tested in test case **T201.2.26**)
* Because of requirement **R201.4.7**, **hCls.201.2** cannot be deleted because it contains a child class
* Consequently, **hCls.201.2** can only be destroyed (under **R5.4.6**) as happens in this test case
* This will be further clarified in a future version of MoReq2010 where the following additional sentence will be added to the rationale for **R201.4.7**: *“If the children are residual classes and therefore cannot be moved (see****R201.4.5****) or deleted, then the parent class can no longer be deleted, it may only be destroyed (see* ***R5.4.6****and* ***R201.4.8****).*”

### 201.2.27.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.28 – Test Case

### 201.2.28.1 Test case description

**Associate a disposal hold with a hierarchical class**

### 201.2.28.2 Test case preconditions

* **T201.2.27** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.27** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.28.3 Test case steps (instructions)

* Under **R9.4.3** associate the disposal hold **DiH.201.1** with class **hCls.201.4**

### 201.2.28.4 Test case post-conditions (expected result)

* Disposal hold **DiH.201.1** is now associated with class **hCls.201.4**

### 201.2.28.5 Notes to test centre

The hierarchical class **hCls.201.4** and all child and descendent classes of **hCls.201.4** are now subject to disposal hold **DiH.201.1** under **R201.4.13**

### 201.2.28.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.29 – Test Case

### 201.2.29.1 Test case description

**Browse between parent and child classes in the classification service**

### 201.2.29.2 Test case preconditions

* **T201.2.28** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.28** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.29.3 Test case steps (instructions)

* Find or browse to hierarchical class **hCls.201.6** and inspect its metadata under **R5.4.7**
* From class **hCls.201.6** browse to its parent class **hCls.201.4** under **R201.4.9** and inspect its metadata under **R5.4.7**
* From the class **hCls.201.4** browse to its associated disposal hold **DiH.201.1** under **R5.4.7** and inspect the metadata of the disposal hold under **R9.4.7**
* From the disposal hold **DiH.201.1** browse to hierarchical class **hCls.201.4** under **R9.4.7**
* From the class **hCls.201.4** browse to its child class **hCls.201.5** under **R201.4.9** and inspect its metadata under **R5.4.7**

### 201.2.29.4 Test case post-conditions (expected result)

* Class **hCls.201.6** is a child class of **hCls.201.4** and its metadata can be inspected
* Class **hCls.201.4** is a parent class of **hCls.201.5** and **hCls.201.6** and its metadata can be inspected
* Disposal hold **DiH.201.1** must be associated with hCls.201.4 and the user must be able to browse from the class to its associated disposal holds under **R5.4.7**
* Class **hCls.201.5** is a child class of **hCls.201.4** and its metadata can be inspected

### 201.2.29.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.30 – Test Case

### 201.2.30.1 Test case description

**Find records and aggregations by their classification**

### 201.2.30.2 Test case preconditions

* **T201.2.29** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.29** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.30.3 Test case steps (instructions)

Conduct the following searches under **R10.4.1**, **R10.4.2** and **R201.4.14**:

1. Find all aggregations with the class **hCls.201.4**
2. Find all records with the class **hCls.201.4**
3. Find all aggregations with the class **hCls.201.5**
4. Find all records with the class **hCls.201.5**
5. Find all aggregations with the class **hCls.201.6**
6. Find all records with the class **hCls.201.6**
7. Find all entities with the class **hCls.201.4**
8. Find all entities with the class **hCls.201.2**

### 201.2.30.4 Test case post-conditions (expected result)

The searches conducted above should have the following results:

1. **2** results: **Agg.201.1** and **Agg.201.2**
2. **3** results: **Rec.201.1**, **Rec.201.2** and **Rec.201.3**
3. **1** result: **Agg.201.2**
4. **1** result: **Rec.201.2**
5. **1** result: **Agg.201.1**
6. **2** results: **Rec.201.1** and **Rec.201.3**
7. **5** results: **Agg.201.1**, **Agg.201.2**, **Rec.201.1**, **Rec.201.2** and **Rec.201.3**
8. **0** results

### 201.2.30.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.31 – Test Case

### 201.2.31.1 Test case description

**Change the disposal schedule for a class**

### 201.2.31.2 Test case preconditions

* **T201.2.30** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.30** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.31.3 Test case steps (instructions)

* Find or browse to class **hCls.201.5**
* Under **R5.4.4** change the default disposal schedule of class **hCls.201.5** to **DiS.201.2**
* Find or browse to class **hCls.201.6**
* Under **R5.4.4** change the default disposal schedule of class **hCls.201.6** to **DiS.201.4**

### 201.2.31.4 Test case post-conditions (expected result)

* The default disposal schedule for hierarchical class **hCls.201.5** is now **DiS.201.2**
* Class **hCls.201.5** does not inherit its default disposal schedule from its parent **hCls.201.4** under **R201.4.4**
* The default disposal schedule for hierarchical class **hCls.201.6** is now **DiS.201.4**
* Class **hCls.201.6** does not inherit its default disposal schedule from its parent **hCls.201.4** under **R201.4.4**

### 201.2.31.5 Notes to test centre

* Disposal schedule **DiS.201.2** is “Destroy immediately”
* Disposal schedule **DiS.201.4** is “Review immediately”

### 201.2.31.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.32 – Test Case

### 201.2.32.1 Test case description

**Find records due for disposal using a hierarchical ancestor class**

### 201.2.32.2 Test case preconditions

* **T201.2.31** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.31** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.32.3 Test case steps (instructions)

* Under **R8.4.16** and **R201.4.12** browse and inspect all active records that are due for disposal for class **hCls.201.4**

### 201.2.32.4 Test case post-conditions (expected result)

* The user finds the following records due for review:
  + Records **Rec.201.1** and **Rec.201.3**
* Under **R8.4.16** the user must not find any records due for destruction

### 201.2.32.5 Notes to test centre

* Under **R201.4.12** the user should find all records due for disposal that are classified by classes that are descendants of **hCls.201.4**
* The user finds **Rec.201.1** and **Rec.201.3** because these are due for review
* The user does not find **Rec.201.2**, even though it is due for destruction, because under **R8.4.16** any records due for destruction but subject to a disposal hold must not be found

### 201.2.32.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.33 – Test Case

### 201.2.33.1 Test case description

**Dispose of records under a hierarchical ancestor class**

### 201.2.33.2 Test case preconditions

* **T201.2.32** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.32** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.33.3 Test case steps (instructions)

* Under **R8.4.17** and **R201.4.12** complete a review for all records that are due for review for class **hCls.201.4**
* Complete the review by applying disposal schedule **DiS.201.8** and providing the comment: “Reviewed during testing of hierarchical classification”
* Find each of the following records **Rec.201.1** and **Rec.201.3** and inspect their metadata

### 201.2.33.4 Test case post-conditions (expected result)

* The review is completed successfully under **R8.4.17**
* When inspected, **Rec.201.1** and **Rec.201.3** both have the following metadata:
  + Disposal Schedule Identifier (**M14.4.22**) is **DiS.201.8**
  + Last Review Comment (**M14.4.49**) is [*the same as entered above*]
  + Last Reviewed Timestamp (**M14.4.50**) is [*correct date and time today*]

### 201.2.33.5 Notes to test centre

* In this test case, the previous (**T201.2.32**) and the next (**T201.2.34**) it is important that the user is employing the special functionality an MCRS must provide for easily performing records management duties under functional requirements **R8.4.16,** **R8.4.17** and **R8.4.20**
* It is neither suitable nor sufficient to do a generic search for these entities and simply perform these test cases on a set of standard search results

### 201.2.33.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.34 – Test Case

### 201.2.34.1 Test case description

**Destroy records under a hierarchical ancestor class**

### 201.2.34.2 Test case preconditions

* **T201.2.33** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.33** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.34.3 Test case steps (instructions)

* Find record **Rec.201.2** and inspect its metadata
* Find or browse to disposal hold **DiH.201.1** and disassociate it from class **hCls.201.4** under **R9.4.3**
* Under **R8.4.16** and **R201.4.12** browse and inspect all active records that are due for disposal for class **hCls.201.4**
* If any record(s) due for disposal for class **hCls.201.4** are due for destruction and require confirmation then confirm the destruction of the record(s) under **R8.4.20** and **R201.4.12**
* Find record **Rec.201.2** and inspect its metadata

### 201.2.34.4 Test case post-conditions (expected result)

* Record **Rec.201.2** has a Disposal Action Code (**M14.4.8**) of RETAIN ON HOLD, under **R8.4.21**
* Class **hCls.201.4** is successfully disassociated from disposal hold **DiH.201.1**
* If any record is discovered that is due for disposal then only one record **Rec.201.2** is found and it requires confirmation of destruction
* Upon confirmation (if required) or otherwise automatically **Rec.201.2** is destroyed
* The user discovers that **Rec.201.2** is a residual record as a result of execution of disposal schedule **DiS.201.2**

### 201.2.34.5 Notes to test centre

* Record **Rec.201.2** starts this test case under disposal hold **DiH.201.1** (see **T201.2.28**), consequently its Disposal Action Code should be set to RETAIN ON HOLD under **R8.4.21**
* Disassociating class **hCls.201.4** from disposal hold **DiH.201.1** should reassert the disposal schedule associated with the class, which is **DiS.201.2** or “delete immediately”
* Depending on the nature of the components of the record **Rec.201.2** may or may not require confirmation of destruction (see the discussion in section **8.2.8** of the MoReq2010 specification)
* Note that this is constrained by the nature of the MCRS and the types of components it supports and the degree of control the MCRS has over the component storage – it is not a condition imposed by MoReq2010
* If the user is required confirm the destruction of record **Rec.201.2** then this confirmation is made – otherwise the record is automatically destroyed by the MCRS
* Following either automatic or confirmed destruction of record **Rec.201.2** it must now be a residual record (the Disposal Action Code must have been reset to DESTROY)

### 201.2.34.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.35 – Test Case

### 201.2.35.1 Test case description

**Export hierarchical classification data**

### 201.2.35.2 Test case preconditions

* **T201.2.34** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.34** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.35.3 Test case steps (instructions)

* Export the classification service under **R11.4.1** (excluding residual entities)
* Export the classification service under **R11.4.1** (including residual entities under **R11.4.2**)
* Export hierarchical class **hCls.201.4** under **R11.4.1**
* Export the record service under **R11.4.1** (including residual entities under **R11.4.2**)
* Export aggregation **Agg.201.1** from the record service under **R11.4.1** (note that this will trigger the export of all descendants of **Agg.201.1** as included entities under **R11.4.3**)
* Export aggregation **Agg.201.2** from the record service under **R11.4.1** (note that this will trigger the export of all descendants of **Agg.201.2** as included entities under **R11.4.3**)
* The text comment for each export under **R11.4.5** should be: “Test case T201.2.35: export of *<name>*”

### 201.2.35.4 Test case post-conditions (expected result)

* Each of the five sets of exported data has its own universally unique export identifier, under **R11.4.4**
* Each of the five sets of exported data has the appropriate text comment, under **R11.4.5**
* The exported data matches that expected (\* see notes) under **R11.4.3**, **R11.4.6**, **R11.4.7** and **R11.4.9**
* Where hierarchical classes are exported in full their child and descendant classes are also exported in full under **R201.4.15**
* Where hierarchical classes are exported their parent and ancestor classes are also exported as placeholders under **R201.4.16**
* The export identifier and export comment can be found in the export event generated under **R11.4.10**, and stored in the event history of each entity exported
* The exported XML data is in Unicode, under **R2.4.28**
* All textual metadata elements in the exported XML data are accompanied by a language identifier, under **R2.4.28**
* All timestamps in the exported XML data are in the W3C XML dateTimeStamp format and include time zone information, under **R2.4.27**

### 201.2.35.5 Notes to test centre

(\* see above) Definitive comparative test data is not yet available, as the test framework is in beta, and export data must currently be checked by hand

### 201.2.35.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.36 – Test Case

### 201.2.36.1 Test case description

**Inherit roles from parent hierarchical classes**

### 201.2.36.2 Test case preconditions

* **The test system must implement the model role service** (see **201.0.2 Important notice about test case T201.1.36**)
* **T201.2.35** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.35** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.36.3 Test case steps (instructions)

* Log out of the test system as **Usr.201.1** under **R3.4.1**
* Log into the test system as **Usr.201.2** under **R3.4.1**
* Search (A) the record service for active records and aggregations under **R10.4.1** and inspect any that are found under **R6.5.9** and **R6.5.17**
* Search (B) the record service for records and aggregations under **R10.4.1** including residual records and aggregations under **R10.4.17** and inspect any that are found under **R6.5.9** and **R6.5.17**
* Log out of the test system as **Usr.201.2** under **R3.4.1**
* Log into the test system as **Usr.201.1** under **R3.4.1**
* Find or browse to class **hCls.201.5** and inspect its access control list under **R4.5.9**
* Add an access control entry to the access control list of **hCls.201.5** under **R4.5.10** that associates the user **Usr.201.2** with the roles **Rol.201.9** and **Rol.201.10**
* Log out of the test system as **Usr.201.1** under **R3.4.1**
* Log into the test system as **Usr.201.2** under **R3.4.1**
* Search (C) the record service for active records and aggregations under **R10.4.1** and inspect any that are found under **R6.5.9** and **R6.5.17**
* Search (D) the record service for records and aggregations under **R10.4.1** including residual records and aggregations under **R10.4.17** and inspect any that are found under **R6.5.9** and **R6.5.17**
* Log out of the test system as **Usr.201.2** under **R3.4.1**
* Log into the test system as **Usr.201.1** under **R3.4.1**
* Find or browse to class **hCls.201.5** and inspect its access control list under **R4.5.9**
* Under **R4.5.10** remove from the access control list of **hCls.201.5** the access control entry for user **Usr.201.2** added previously
* Find or browse to class **hCls.201.4** and inspect its access control list under **R4.5.9**
* Add an access control entry to the access control list of **hCls.201.4** under **R4.5.10** that associates the group **Grp.201.2** with the roles **Rol.201.9** and **Rol.201.10**
* Log out of the test system as **Usr.201.1** under **R3.4.1**
* Log into the test system as **Usr.201.2** under **R3.4.1**
* Search (E) the record service for active records and aggregations under **R10.4.1** and inspect any that are found under **R6.5.9** and **R6.5.17**
* Search (F) the record service for records and aggregations under **R10.4.1** including residual records and aggregations under **R10.4.17** and inspect any that are found under **R6.5.9** and **R6.5.17**
* Log out of the test system as **Usr.201.2** under **R3.4.1**
* Log into the test system as **Usr.201.1** under **R3.4.1**

### 201.2.36.4 Test case post-conditions (expected result)

* User **Usr.201.1** and user **Usr.201.2** complete all log ins and log outs successfully
* User **Usr.201.1** remains logged into the test system at the end of the test case
* User **Usr.201.1** successfully modifies the access control lists of hierarchical class **hCls.201.5** and later **hCls.201.4**
* Search (A) and search (B) by user **Usr.201.2** returns 0 results (because **Usr.201.2** has no authorisation to inspect aggregations or records)
* Search (C) for active entities by user **Usr.201.2** returns 1 aggregation (because under **Usr.201.2** is authorised to inspect aggregations and records classified by class **hCls.201.5** under **R4.5.11**):
  + **Agg.201.2** (active)
* Search (D) for active and residual entities by user **Usr.201.2** returns 1 aggregation and 1 record (because **Usr.201.2** is authorised to inspect aggregations and records classified by class **hCls.201.5** under **R4.5.11**:
  + **Agg.201.2** (active)
  + **Rec.201.2** (residual)
* Search (E) for active entities by user **Usr.201.2** returns 2 aggregations and 2 records (because **Usr.201.2** as a member of group **Grp.201.2** is authorised to inspect aggregations and records classified by hierarchical classes descended from **hCls.201.4** under **R201.4.10**):
  + **Agg.201.1** (active)
  + **Agg.201.2** (active)
  + **Rec.201.1** (active)
  + **Rec.201.3** (active)
* Search (F) for active and residual entities by user **Usr.201.2** returns 2 aggregations and 3 records (because **Usr.201.2** as a member of group **Grp.201.2** is authorised to inspect aggregations and records classified by hierarchical classes descended from **hCls.201.4** under **R201.4.10**):
  + **Agg.201.1** (active)
  + **Agg.201.2** (active)
  + **Rec.201.1** (active)
  + **Rec.201.2** (residual)
  + **Rec.201.3** (active)

### 201.2.36.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.37 – Test Case

### 201.2.37.1 Test case description

**Inherit metadata templates from parent hierarchical classes**

### 201.2.37.2 Test case preconditions

* **The test system must implement the model metadata service** (see **201.0.3 Important notice about test case T201.1.37**)
* **T201.2.36** (or equivalent) has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.36** (or equivalent) was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.37.3 Test case steps (instructions)

* In the model metadata service create a new contextual metadata element definition under **R7.5.2** with the following metadata:
  + Set Title (**M14.4.104**) to “cMED.201.1”
  + Set Description (**M14.4.16**) to “Officer Responsible”
  + Set Presentation Order (**M14.4.84**) to “1” (or equivalent) under **R7.5.5**
  + Set Min Occurs (**M14.4.56**) to “0”, under **R7.5.4**
  + Set Max Occurs (**M14.4.53**) to “1”, under **R7.5.4**
  + Set the Is Modifiable Flag (**M14.4.46**)
  + Set the Is Entity Reference Flag (**M14.4.45**) under **R7.5.3**
  + Set the Entity Reference Type Identifier (**M14.4.24**) to User (**E14.2.16**)
  + Clear the Default Value (**M14.4.13**)
  + Set the Retain On Destruction Flag (**M14.4.88**)
* In the model metadata service create a new template under **R7.5.14** with the following metadata:
  + Set Title (**M14.4.104**) to “Tmpl.201.1”
  + Set Description (**M14.4.16**) to “Officer responsible for record template”
  + Set the Template Entity Type Identifier (**M14.4.102**) to Record (**E14.2.12**)
  + Clear the Template Service Identifier (**M14.4.103**)
  + Set the Template Class Identifier (**M14.4.101**) to hierarchical class **hCls.201.4**
  + Set the Contextual Metadata Element Definition Identifier (**M14.4.8**) to **cMED.201.1** (created above)
* In the record service create a new record with the following metadata:
  + Set Title (**M14.4.104**) to “Rec.201.4”
  + Set Parent Aggregation Identifier (**M14.4.63**) to **Agg.201.2**
  + Leave the Class Identifier (**M14.4.4**) as **Cls.201.5** (inherited from aggregation **Agg.201.2**)
* Observe whether the test system automatically applies any active templates to the new record and requires values for any contextual metadata elements under **R7.5.18** before allowing the user to create the new record

### 201.2.37.4 Test case post-conditions (expected result)

* Contextual metadata element definition **cMED.201.1** is successfully created in the metadata service with the metadata given above
* Template **Tmpl.201.1** is successfully created in the metadata service with the metadata given above and is associated with hierarchical class **hCls.201.4** contextual metadata element definition **cMED.201.1**
* The new record **Rec.201.4** should have template **Tmpl.201.1** automatically applied to it (because this template is applicable to new records classified with classes that are descended from hierarchical class **Cls.201.4** under **R201.4.11**)
* The new record **Rec.201.4** is created with contextual metadata element **cMED.201.1** and the test operator is able to set the value of this metadata element to a user entity

### 201.2.37.5 Notes to test centre

The test operator may create any type of record supported by the test system.

### 201.2.37.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.38 – Test Case

### 201.2.38.1 Test case description

**Final compliance check**

### 201.2.38.2 Test case preconditions

* **T201.2.37** (or equivalent) has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.37** (or equivalent) was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.38.3 Test case steps (instructions)

* Generate the compliance report for the test system (reference **R2.4.5**)

### 201.2.38.4 Test case post-conditions (expected result)

* The compliance report contains all of the information required by **R2.4.5**
* Specifically, the compliance report must show compliance with, at least:
  + **User and Group Service v1.x** (**cd532472-85b0-4c1c-82b4-5c8370b7d0e6**)
  + **Model Role Service v1.x (2f6d05c6-51e6-4a32-a7fc-c0a6883eb85b)**

**OR Native Role Service v1.x (d945dcd9-dc2d-491d-965a-11ce936d044b)**

* + **Classification Service v1.x** (**10fea10e-9c2f-4760-9095-f4f9295f4b19**)
  + **Record Service v1.x** (**ced3d0df-3f9f-4807-9e96-b5b790adad4a**)
  + **Model Metadata Service v1.x** (**a600f8d0-2d58-418e-bb41-211d1fd42350**)

**OR Native Metadata Service v1.x** (**66bf4419-d92f-4358-8506-7ee9c06abdcd**)

* + **Disposal Scheduling Service (fd05e284-181f-4f5d-bd8c-4bed835c8931)**
  + **Disposal Holding Service (2e4a8618-c4b3-470f-8ccb-03e2d5e07026)**
  + **Searching and Reporting v1.x** (**f09984a5-dd31-44d8-9607-22521667c78a**)
  + **Export Service v1.x** (**2777ab81-057e-4aa4-9595-69459ec2dc1e**)
  + **Hierarchical Classification v1.x** (**5c772478-0a49-4391-a1d4-a5cd142a72d1**)
  + **Graphical User Interface v1.x (0f9584e5-552a-4a79-a8ea-3c2801765255)**

**AND/OR Application Programming Interface (654633ec-8b17-4a3c-a483-436ee2bd506a)**

* The compliance report must use the UUIDs listed above, under **R2.4.23**

### 201.2.38.5 Notes to test centre

The compliance report should be identical to the compliance report generated by test case **T201.2.2**.

### 201.2.38.5 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

## T201.2.39 – Test Case

### 201.2.39.1 Test case description

**Final error check**

### 201.2.39.2 Test case preconditions

* **T201.2.38** has previously been completed successfully during the same test session
* The test system has not been reconfigured or restarted since **T201.2.38** was completed
* The test operator is logged in as user **Usr.201.1**

### 201.2.39.3 Test case steps (instructions)

* Log out of the test system
* Take a copy of the external error log, under **R2.4.7**

### 201.2.39.4 Test case post-conditions (expected result)

* Errors in the external error log must contain at least the information listed under **R2.4.7**

### 201.2.39.5 Notes to test centre

* Check which errors have occurred in the external error log since the start of the test module (compare against the external error log copy obtained under **T201.2.1**)
* Check whether there are have been any errors in this period generated by functions failing to perform under **R2.4.7**
* For any each error that has occurred the current user at the time the error occurred must have had access to the extended error information under **R2.4.8**
* Note that **R2.4.8** is not tested directly unless an error occurs during testing

### 201.2.39.6 Results

Test system operator for this test case

Result

🞏 Correct – result as expected

🞏 Incorrect – unexpected result or outcome

🞏 Incorrect – operation could not be initiated

🞏 Incorrect – crash, timeout or failed to finish for any reason

Observations

One or more of the test case steps…

🞏 …required more than one user action to complete (remark below)

🞏 …provided limited or no feedback to the user (remark below)

🞏 …was dependent on one or more previous user actions (remark below)

Additional remarks on observations

Macintosh HD:Users:jon:Documents:DLM Forum:DLM Foundation:Branding:Logos:MoReq logos:MoReq2010:MoReq2010_Reg:MoReq2010_Reg_pms.eps

# APPENDIX TO TEST MODULE 201

# 201.A Test data

The test system must be pre-loaded with at least the test data given here.

## 201.A.1 User and group service

### 201.A.1.1 User entities

| Title | Groups | Roles | Comment |
| --- | --- | --- | --- |
| **Usr.201.1** | * Grp.201.1 | **For Usr.201.1:**   * Rol.201.1 | Power user, member of group with read/write |
| **Usr.201.2** | * Grp.201.2 | **For Usr.201.2:**   * Rol.201.2 | Essential user, member of group with read only |

### 201.A.1.2 Group entities

| Title | Roles | Comment |
| --- | --- | --- |
| **Grp.201.1** | **For User and Group Service:**   * Rol.201.4 * Rol.201.5 * Rol.201.6   **For Role Service:**   * Rol.201.4 * Rol.201.7   **For Record Service:**   * Rol.201.4 * Rol.201.8 * Rol.201.10   **For Metadata Service:**   * Rol.201.4 * Rol.201.11   **For Disposal Scheduling Service:**   * Rol.201.4 * Rol.201.12   **For Disposal Holding Service:**   * Rol.201.4 * Rol.201.12   **For Classification Service:**   * Rol.201.3 * Rol.201.15 | Has read/write for role service, record service, disposal services and classification service (inherited by all group members) |
| **Grp.201.2** | **For User and Group Service:**   * Rol.201.4 * Rol.201.5 * Rol.201.6   **For Role Service:**   * Rol.201.4 * Rol.201.7   **For Record Service:**   * Rol.201.4   **For Disposal Scheduling Service:**   * Rol.201.4 * Rol.201.13   **For Disposal Holding Service:**   * Rol.201.4 * Rol.201.13   **For Classification Service:**   * Rol.201.4 * Rol.201.14 | Has read only for all services (inherited by all group members) |

## 201.A.2 Model role service

### 201.A.2.1 Role entities

| Name | Administrative? | Functions (access control) | Comment |
| --- | --- | --- | --- |
| **Rol.201.1** | No | * User – Browse Records Due For Disposal (**F14.5.178**) * User – Detailed Report (**F14.5.184**) * User – Export (**F14.5.185**) * User – Search (**F14.5.195**) * User – Summary Report (**F14.5.196**) | Power user |
| **Rol.201.2** | No | * User – Detailed Report (**F14.5.184**) * User – Search (**F14.5.195**) | Essential user |
| **Rol.201.3** | Yes | * Entity Type – Inspect (**F14.5.83**) * Entity Type – Inspect ACL (**F14.5.84**) * Entity Type – Inspect Event (**F14.5.85**) * Entity Type – Modify ACL (**F14.5.86**) * Function Definition – Inspect (**F14.5.87**) * Function Definition – Inspect ACL (**F14.5.88**) * Function Definition – Inspect Event (**F14.5.89**) * Function Definition – Modify ACL (**F14.5.91**) * Function Definition – Modify Event Generation (**F14.5.92**) * Function Definition – Modify Retain Event On Destruction (**F14.5.93**) * Service – Inspect (**F14.5.158**) * Service – Inspect ACL (**F14.5.159**) * Service – Inspect Event (**F14.5.160**) * Service – Modify ACL (**F14.5.161**) * Service – Modify Metadata (**F14.5.162**) * Service – Report Compliance (**F14.5.163**) | Read/write services |
| **Rol.201.4** | Yes | * Entity Type – Inspect (**F14.5.83**) * Entity Type – Inspect ACL (**F14.5.84**) * Entity Type – Inspect Event (**F14.5.85**) * Function Definition – Inspect (**F14.5.87**) * Function Definition – Inspect ACL (**F14.5.88**) * Function Definition – Inspect Event (**F14.5.89**) * Service – Inspect (**F14.5.158**) * Service – Inspect ACL (**F14.5.159**) * Service – Inspect Event (**F14.5.160**) * Service – Report Compliance (**F14.5.163**) | Read only services |
| **Rol.201.5** | Yes | * Group – Inspect (**F14.5.101**) * Group – Inspect ACL (**F14.5.102**) * Group – Inspect Event (**F14.5.103**) * Group – Report User Membership (**F14.5.108**) | Read only groups |
| **Rol.201.6** | Yes | * User – Inspect (**F14.5.187**) * User – Inspect ACL (**F14.5.188**) * User – Inspect Event (**F14.5.189**) * User – Report Authorisation (**F14.5.193**) * User – Report Group Membership (**F14.5.194**) | Read only users |
| **Rol.201.7** | Yes | * Role – Inspect (**F14.5.149**) * Role – Inspect ACL (**F14.5.150**) * Role – Inspect Event (**F14.5.151**) * Role – Report Function Definitions (**F14.5.156**) | Read only roles |
| **Rol.201.8** | Yes | * Aggregation – Add Aggregation (**F14.5.1**) * Aggregation – Add Contextual Metadata (**F14.5.2**) * Aggregation – Add Record (**F14.5.3**) * Aggregation – Close (**F14.5.4**) * Aggregation – Create (**F14.5.5**) * Aggregation – Delete (**F14.5.6**) * Aggregation – Delete Residual Event (**F14.5.7**) * Aggregation – Delete Residual Metadata (**F14.5.8**) * Aggregation – Inherit Default Class (**F14.5.11**) * Aggregation – Inspect (**F14.5.12**) * Aggregation – Inspect ACL (**F14.5.13**) * Aggregation – Inspect Event (**F14.5.14**) * Aggregation – Modify ACL (**F14.5.15**) * Aggregation – Modify Max Levels Of Aggregation (**F14.5.16**) * Aggregation – Modify Metadata (**F14.5.17**) * Aggregation – Modify Originated Date/Time (**F14.5.18**) * Aggregation – Open (**F14.5.19**) * Aggregation – Override Class (**F14.5.20**) * Aggregation – Remove Aggregation (**F14.5.21**) * Aggregation – Remove Record (**F14.5.22**) | Read/write aggregations |
| **Rol.201.9** | Yes | * Aggregation – Inspect (**F14.5.12**) * Aggregation – Inspect ACL (**F14.5.13**) * Aggregation – Inspect Event (**F14.5.14**) | Read only aggregations |
| **Rol.201.10** | Yes | * Record – Inspect (**F14.5.131**) * Record – Inspect ACL (**F14.5.132**) * Record – Inspect Event (**F14.5.133**) * Record – Released (**F14.5.139**) * Record – Update Disposal (**F14.5.140**) | Read only records |
| **Rol.201.11** | Yes | * Contextual Metadata Element Definition – Create (**F14.5.48**) * Contextual Metadata Element Definition – Delete (**F14.5.49**) * Contextual Metadata Element Definition – Delete Residual Event (**F14.5.50**) * Contextual Metadata Element Definition – Destroy (**F14.5.51**) * Contextual Metadata Element Definition – Modify Before Use (**F14.5.53**) * Contextual Metadata Element Definition – Modify Originated Date/Time (**F14.5.54**) * Metadata Element Definition – Inspect (**F14.5.109**) * Metadata Element Definition – Inspect ACL (**F14.5.110**) * Metadata Element Definition – Inspect Event (**F14.5.111**) * Metadata Element Definition – Modify ACL (**F14.5.112**) * Metadata Element Definition – Modify Metadata (**F14.5.113**) * Metadata Element Definition – Modify Retain On Destruction (**F14.5.114**) * Template – Add Contextual Metadata (**F14.5.164**) * Template – Create (**F14.5.165**) * Template – Delete (**F14.5.166**) * Template – Delete Residual Event (**F14.5.167**) * Template – Delete Residual Metadata (**F14.5.168**) * Template – Destroy (**F14.5.169**) * Template – Inspect (**F14.5.171**) * Template – Inspect ACL (**F14.5.172**) * Template – Inspect Event (**F14.5.173**) * Template – Modify ACL (**F14.5.174**) * Template – Modify Metadata (**F14.5.175**) * Template – Modify Originated Date/Time (**F14.5.176**) | Read/write metadata |
| **Rol.201.12** | Yes | * Disposal Hold – Create (**F14.5.57**) * Disposal Hold – Delete (**F14.5.58**) * Disposal Hold – Delete Residual Event (**F14.5.59**) * Disposal Hold – Delete Residual Metadata (**F14.5.60**) * Disposal Hold – Destroy (**F14.5.61**) * Disposal Hold – Inspect (**F14.5.63**) * Disposal Hold – Inspect ACL (**F14.5.64**) * Disposal Hold – Inspect Event (**F14.5.65**) * Disposal Hold – Modify ACL (**F14.5.66**) * Disposal Hold – Modify Metadata (**F14.5.67**) * Disposal Hold – Modify Originated Date/Time (**F14.5.68**) * Disposal Hold – Remove Entity (**F14.5.69**) * Disposal Schedule – Add Contextual Metadata (**F14.5.70**) * Disposal Schedule – Create (**F14.5.71**) * Disposal Schedule – Delete (**F14.5.72**) * Disposal Schedule – Delete Residual Event (**F14.5.73**) * Disposal Schedule – Delete Residual Metadata (**F14.5.74**) * Disposal Schedule – Destroy (**F14.5.75**) * Disposal Schedule – Inspect (**F14.5.77**) * Disposal Schedule – Inspect ACL (**F14.5.78**) * Disposal Schedule – Inspect Event (**F14.5.79**) * Disposal Schedule – Modify ACL (**F14.5.80**) * Disposal Schedule – Modify Metadata (**F14.5.81**) * Disposal Schedule – Modify Originated Date/Time (**F14.5.82**) | Read/write disposal |
| **Rol.201.13** | Yes | * Disposal Hold – Inspect (**F14.5.63**) * Disposal Hold – Inspect ACL (**F14.5.64**) * Disposal Hold – Inspect Event (**F14.5.65**) * Disposal Schedule – Inspect (**F14.5.77**) * Disposal Schedule – Inspect ACL (**F14.5.78**) * Disposal Schedule – Inspect Event (**F14.5.79**) | Read only disposal |
| **Rol.201.14** | Yes | * Class – Inspect (**F14.5.30**) * Class – Inspect ACL (**F14.5.31**) * Class – Inspect Event (**F14.5.32**) | Read only classes |
| **Rol.201.15** | Yes | * Class – Add Contextual Metadata (**F14.5.23**) * Class – Create (**F14.5.24**) * Class – Delete (**F14.5.25**) * Class – Delete Residual Event (**F14.5.26**) * Class – Delete Residual Metadata (**F14.5.27**) * Class – Destroy (**F14.5.28**) * Class – Inspect (**F14.5.30**) * Class – Inspect ACL (**F14.5.31**) * Class – Inspect Event (**F14.5.32**) * Class – Modify ACL (**F14.5.33**) * Class – Modify Default Disposal Schedule (**F14.5.34**) * Class – Modify Metadata (**F14.5.35**) * Class – Modify Originated Date/Time (**F14.5.36**) * Hierarchical Class – Add Class (**F201.7.3**) * Hierarchical Class – Create (**F201.7.4**) * Hierarchical Class – Remove Class (**F201.7.5**) | Read/write hierarchical classes |

## 201.A.3 Record service

### 201.A.3.1 Aggregation entities

| Title | Parent Aggregation | Open/closed | Class | Comment |
| --- | --- | --- | --- | --- |
| **Agg.201.1** | *Root* | Open | hCls.201.1 | Root aggregation |
| **Agg.201.2** | *Root* | Open | hCls.201.1 | Root aggregation |

### 201.A.3.2 Record entities

| Title | Parent Aggregation | Class | Disposal Schedule | Comment |
| --- | --- | --- | --- | --- |
| **Rec.201.1** | Agg.201.1 | *Inherited* (hCls.201.1) | *Inherited* (DiS.201.1) | Active record created before test begins |
| **Rec.201.2** | Agg.201.2 | *Inherited* (hCls.201.1) | *Inherited* (DiS.201.1) | Active record created before test begins |
| **Rec.201.3** | Agg.201.2 | *Inherited* (hCls.201.1) | *Inherited* (DiS.201.1) | Active record created before test begins |

## 201.A.4 Disposal scheduling service

### 201.A.4.1 Disposal Schedule entities

| Title | Disposal Action Code | Retention Trigger | Retention Period | Comment |
| --- | --- | --- | --- | --- |
| **DiS.201.1** | Retain Permanently | *N/A* | *N/A* | Retain permanently |
| **DiS.201.2** | Destroy | From now | N/A | Destroy immediately |
| **DiS.201.3** | Transfer | From now | N/A | Transfer immediately |
| **DiS.201.4** | Review | From now | N/A | Review immediately |
| **DiS.201.5** | Destroy | From aggregation closed date | 7 years | Destroy 7 years after aggregation closed |
| **DiS.201.6** | Transfer | From aggregation closed date | 2 years | Transfer 2 years after aggregation closed |
| **DiS.201.7** | Review | From aggregation closed date | 5 years | Review 5 years after aggregation closed |
| **DiS.201.8** | Review | From date of last review | 2 years | Review 2 years after last review |

## 201.A.5 Disposal holding service

### 201.A.5.1 Disposal hold entities

| Title | Associated Entities | Comment |
| --- | --- | --- |
| **DiH.201.1** | *None* | This disposal hold has been previously created and is active |

## 201.A.6 Classification service

### 201.A.6.1 Hierarchical class entities

| Title | Parent Class | Disposal Schedule | Comment |
| --- | --- | --- | --- |
| **hCls.201.1** | *Top level class* | DiS.201.1 | This top level class cannot be given child classes because it is used to classify aggregation **Agg.201.1** before the start of testing |