

List of bugs

- **Bug ID:** B001
 - **Bug Title:** Bugs for test cases RMLTC-CC-0004-SMx1 and RMLTC-CC-0004-SMx2
 - **Description:** These test cases concern a collection or container as subject, without a predicate-object map. The only solution found to pass these test cases was to declare an empty predicateObjectMap. However, in RML-CC specification, this doesn't work and no predicateObjectMap needs to be declared to get the right output.
 - **Steps to Reproduce:**
Execute one of the following test cases:
 - RMLTC-CC-0004-SMA1
 - RMLTC-CC-0004-SMA2
 - RMLTC-CC-0004-SMB1
 - RMLTC-CC-0004-SMB2
 - RMLTC-CC-0004-SML1
 - RMLTC-CC-0004-SML2
 - RMLTC-CC-0004-SMS1
 - RMLTC-CC-0004-SMS2
 - **Expected Result:** The right output must be generated without declaring a predicateObjectMap.
 - **Actual Result:** It works only with the declaration of an empty predicateObjectMap
 - **Comments:** It's probably due to a condition in morph-kgc, to accept the mapping only if there is a predicateObjectMap declared
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- **Bug ID:** B002
 - **Bug Title:** Missing test cases
 - **Description:** Anything has been done from the test cases 0006
 - **Steps to Reproduce:** Execute the test cases from the test cases 0006 to 0010
 - **Expected Result:** Get the same outputs as with RML-CC test cases (with BURP)
 - **Actual Result:** It doesn't work because it has not been managed yet
 - **Comments:** Focus on the materializer.py and mapping_constants.py files, which are the most likely to be modified.

List of tasks

- **Task ID:** T001
- **Task Title:** Modifying the architecture to take into account all possible data sources
- **Description:** In many parts of the code, only JSON files are supported (empty lists and several rml:references in a single rml:gather).
- **Steps:**
 - Create sub-functions to support different types of data sources
 - Call the appropriate function based on the input data source

- **Task ID:** T002
- **Task Title:** Managing missing test cases
- **Description:** Anything has been done from the test cases 0006
- **Steps:**
 - Manage each remaining test case step by step
 - Focus on the files materializer.py and mapping_constants.py

- **Task ID:** T003
- **Task Title:** Check that all test cases are working properly
- **Description:** In theory, all test cases working well before the first implementation of RML-CC (test cases 0001 to 0005) should still work since only additions have been made to the code, for the generation of lists.
- **Steps:** Execute each test case to check that it works properly