
 ASAM	List of Known Issues		
	Standard	ASAM MCD-3 MC	Version

ID 1203	Title	Error Assignment
	Description	Each method description contains a section of postconditions. It is regarded good style to name the exception class and exact error code for each postcondition. This is incomplete in the current standard and should be completed.
ID 1206	Title	Content Explanation of the Postcondition: The (Object) could not be created
	Description	A lot of add methods exist in the standard, e.g. <code>MCDDbProjectConfiguration::add</code> . In some cases, the postcondition "the project could not be created" is used without any explanation. Please explain the reason of this postcondition, e.g. that a creation fails based on restricted resources of the MC-server.
ID 1214	Title	Generator problem for COM-IDLs technology reference
	Description	The description of a lot of methods in the COM IDL (both D and MC), that are marked with "[propput]", have a wrong description associated with them, which is identical to the description of the associated method, which is marked with "[propget]". Different descriptions for both methods exist in the UML. Transfer the correct descriptions for the methods from the model to the technology reference.
ID 1223	Title	Time values have no time zone defined
	Description	<code>MCDWatcher</code> , <code>MCDCollector</code> and <code>MCDRecorder</code> have time relations (e.g. zero point, <code>MCDTimeDelay</code> , Time stamp, <code>BeginTime</code>). In cases where an absolute time value is used, it's not defined if this value represents a local time or an UTC time. It's proposed to use time values in local time zone.
ID 1587	Title	Cooperation Level Table for <code>MCDRecorders</code> , <code>MCDWatchers</code> , <code>MCDLogicalLink</code> inconsistent
	Description	The cooperation table contains no entries for the collections <code>MCDWatchers</code> , <code>MCDRecorders</code> and <code>MCDLogicalLinks</code> . So there is no definition which one is allowed to remove objects from a collection. One proposal is to fix that while the <code>MCDRecorders</code> , <code>MCDWatchers</code> and <code>MCDLogicalLinks</code> collection can contain objects with cooperation level, they do not have an own cooperation level. So they are not listed in the cooperation level table. These collections are client controlled collections. Clarify the following sentence in the precondition of different objects: "The client shall have sufficient rights to remove the object." One proposal is to remove the sentence, because the following precondition specifies the owner rights and additional the cooperation level of the object.

ID 2760	<table border="1"> <tr> <td data-bbox="331 239 1343 322"> Title Diagrams in the model are not updated </td> </tr> <tr> <td data-bbox="331 322 1343 551"> Description Since the diagrams are used for documentation, they should be maintained in the model and not be removed from there. All state diagrams of the specification should also be contained in the model. The mdl file contains also the string "VehicleInfo" at several places. This should be removed in the model. </td> </tr> </table>	Title Diagrams in the model are not updated	Description Since the diagrams are used for documentation, they should be maintained in the model and not be removed from there. All state diagrams of the specification should also be contained in the model. The mdl file contains also the string "VehicleInfo" at several places. This should be removed in the model.
Title Diagrams in the model are not updated			
Description Since the diagrams are used for documentation, they should be maintained in the model and not be removed from there. All state diagrams of the specification should also be contained in the model. The mdl file contains also the string "VehicleInfo" at several places. This should be removed in the model.			
ID 3447	<table border="1"> <tr> <td data-bbox="331 551 1343 633"> Title Missing Errorcode eRT_ELEMENT_NOT_AVAILABLE </td> </tr> <tr> <td data-bbox="331 633 1343 792"> Description This error code is not included in the Error enum MCDErrorCodes, but used at MCDSystem:getActiveProject and MCDResponseParameter:getValue. So this error code should be added to the collection. </td> </tr> </table>	Title Missing Errorcode eRT_ELEMENT_NOT_AVAILABLE	Description This error code is not included in the Error enum MCDErrorCodes, but used at MCDSystem:getActiveProject and MCDResponseParameter:getValue. So this error code should be added to the collection.
Title Missing Errorcode eRT_ELEMENT_NOT_AVAILABLE			
Description This error code is not included in the Error enum MCDErrorCodes, but used at MCDSystem:getActiveProject and MCDResponseParameter:getValue. So this error code should be added to the collection.			
ID 3479	<table border="1"> <tr> <td data-bbox="331 792 1343 875"> Title MCDGlobalEventTriggerSourceTypes </td> </tr> <tr> <td data-bbox="331 875 1343 1520"> Description Recorder State transitions can be used as base to evaluate events. The enumeration MCDGlobalEventTriggerSourceTypes contains the following values: <ul style="list-style-type: none"> - eGLET_ACTIVATED - eGLET_DEACTIVATED - eGLET_STARTED - eGLET_STOPPED and - eGLET_PAUSED This enumeration is the base to evaluate recorder transitions. Because the recording can be paused, an evaluating of a ResumeEvent inside a trigger is missing. So this event should be introduced (eGLET_STARTED cannot be used in this state). The mapping of these event types to the methods of the MCDGlobalEventHandler should be defined additionally, because it is unsymmetrical at the moment. Also clarify the reason, why a Collector Error shall evaluate as Trigger event (eGLET_COLERROR). </td> </tr> </table>	Title MCDGlobalEventTriggerSourceTypes	Description Recorder State transitions can be used as base to evaluate events. The enumeration MCDGlobalEventTriggerSourceTypes contains the following values: <ul style="list-style-type: none"> - eGLET_ACTIVATED - eGLET_DEACTIVATED - eGLET_STARTED - eGLET_STOPPED and - eGLET_PAUSED This enumeration is the base to evaluate recorder transitions. Because the recording can be paused, an evaluating of a ResumeEvent inside a trigger is missing. So this event should be introduced (eGLET_STARTED cannot be used in this state). The mapping of these event types to the methods of the MCDGlobalEventHandler should be defined additionally, because it is unsymmetrical at the moment. Also clarify the reason, why a Collector Error shall evaluate as Trigger event (eGLET_COLERROR).
Title MCDGlobalEventTriggerSourceTypes			
Description Recorder State transitions can be used as base to evaluate events. The enumeration MCDGlobalEventTriggerSourceTypes contains the following values: <ul style="list-style-type: none"> - eGLET_ACTIVATED - eGLET_DEACTIVATED - eGLET_STARTED - eGLET_STOPPED and - eGLET_PAUSED This enumeration is the base to evaluate recorder transitions. Because the recording can be paused, an evaluating of a ResumeEvent inside a trigger is missing. So this event should be introduced (eGLET_STARTED cannot be used in this state). The mapping of these event types to the methods of the MCDGlobalEventHandler should be defined additionally, because it is unsymmetrical at the moment. Also clarify the reason, why a Collector Error shall evaluate as Trigger event (eGLET_COLERROR).			
ID 3480	<table border="1"> <tr> <td data-bbox="331 1520 1343 1603"> Title WriteReadRecorderCollector Configuration </td> </tr> <tr> <td data-bbox="331 1603 1343 2016"> Description The configuration of Measurements and Characteristics inside a MCDWriteReadRecorder will be done by MCDCollectedObjects. At the moment the method getCollectedObjects delivers only the MCDReadCollectedObjects (Base Class). In practical implementations these collection is casted to MCDCollectedObjects. This is the only place inside the object model, where such a handling takes place. So document it or change it according to the real types. The replacement of MCDReadCollectedObjects by MCDCollectedObjects is not very helpful, because the method getCollectedObjects is also used by the MCDReadRecorderCollector. </td> </tr> </table>	Title WriteReadRecorderCollector Configuration	Description The configuration of Measurements and Characteristics inside a MCDWriteReadRecorder will be done by MCDCollectedObjects. At the moment the method getCollectedObjects delivers only the MCDReadCollectedObjects (Base Class). In practical implementations these collection is casted to MCDCollectedObjects. This is the only place inside the object model, where such a handling takes place. So document it or change it according to the real types. The replacement of MCDReadCollectedObjects by MCDCollectedObjects is not very helpful, because the method getCollectedObjects is also used by the MCDReadRecorderCollector.
Title WriteReadRecorderCollector Configuration			
Description The configuration of Measurements and Characteristics inside a MCDWriteReadRecorder will be done by MCDCollectedObjects. At the moment the method getCollectedObjects delivers only the MCDReadCollectedObjects (Base Class). In practical implementations these collection is casted to MCDCollectedObjects. This is the only place inside the object model, where such a handling takes place. So document it or change it according to the real types. The replacement of MCDReadCollectedObjects by MCDCollectedObjects is not very helpful, because the method getCollectedObjects is also used by the MCDReadRecorderCollector.			

 ASAM	List of Known Issues		
	Standard	ASAM MCD-3 MC	Version

ID	Title
	Description

	List of Known Issues		
	Standard	ASAM MCD-3 MC	Version

About This Document

This document lists known issues for the standard and version as identified in the document header. Issues in the context of ASAM standards have one of the following characteristics:

- Error: unintended or wrong content.
- Contradiction: inconsistent or contradictory content.
- Specification gap: missing content required for a functional system and for complete understanding.
- Lack of clarity: Unclear, vague or ambiguous description, which leads to misunderstandings and misinterpretations.

The issue may exist in the base standard, in associate standards, schema files, interface definition files, model files, examples or any other supplements of the standard.

For each issue, the table contains an ID, title and description.

ID: Unique identification number assigned by the ASAM change request system.

Title: Summary of the issue description in headline style

Description: Identifies the parts of the standard that are affected by the issue, provides a reason why this is considered as an issue and allows the reader to understand the technical implications of the issue. Optionally, the description includes a resolution proposal and a proposed workaround for the issue.

Issues are resolved in the release of a new version of a standard. Please regularly check ASAM's web page and news publications to stay informed about new versions. If an issue has been resolved in a new version, then it is not listed in the List of Known Issues document for this version any longer.

The List of Known Issues document for former versions of the same standard will be frozen and will not be further maintained. ASAM advises all users of its standards to always use the latest version of its standards.