

 ASAM	List of Known Issues		
	Standard	ASAM MDF	Version

ID 3427	Title	Clarify Wording for cn_data_type
	Description	<p>The description of "cn_data_type" contains the following definition: "6 = String (SBC, standard ASCII encoded (ISO-8859-1 Latin), NULL terminated)"</p> <p>This is inconsistent, as ASCII & ISO-8859-1 Latin are not the same. It needs to be clarified which standard is meant.</p>
ID 3545	Title	Differences between MDF and ODS in Value Range Conversion for Integer Data Types
	Description	<p>The following incompatibilities between MDF and ODS have been identified when using MDF files in ODS servers as external components:</p> <p>a) Chapter 5.17.8 and 5.17.10 of MDF specify a slightly different behavior depending on whether 'Int' is an integer or a floating point number.</p> <p>b) Chapter 5.17.8 specifies for integer values of 'Int': "If key_min[i] <= Int <= key_max[i], then Phys = value[i]"</p> <p>and further down: "The key ranges must not overlap, i.e. key_max[i-1] <= key_min[i] for all 0 < i < n."</p> <p>This may lead to a valid configuration of the CCBLOCK with key_max[i-1] = key_min[i] for some i, while value[i-1] differs from value[i]. In such case 'Phys' is not uniquely defined if a value 'Int' happens to be key_min[i] and must be converted. Such situation may thus lead to different results from different tools. The same issue exists in chapter 5.17.10, where link[i] is specified instead of value[i].</p>
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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.