

WG13 Issues - CIM Issues #4344

AbsoluteDateTime's 'value' attribute, which is of type Time

09/14/2021 03:45 PM - Herbert Falk

Status: Closed	
Priority: Normal	
Target version:	
Author/Contact Info: Dan Martin	Standard(s):
Base Release:	Version:
Solution to be Applied To:	Clause:
Solution Version: CIM10	Sub-Clause:
Solution Applied By:	Paragraph:
Completion Date:	Table:
CIM Keywords:	Originally Closed in Version: CIM10
Breaking Change: No	Origination Date: 06/14/2004
Breaking Change Description:	Origination ID: 192
CIM Impacted Groups: WG13	Originally Assigned To:
Requestor:	
Description AbsoluteDateTime's 'value' attribute, which is of type TimeStamp. TimeStamp has a single attribute named 'value'. The effect is that when you try to fully resolve the inherited field you end up with something like 'ActivityRecord.lastModifiedDate.value.value'. I can see where this will lead to a lot of confusion from a message mapping perspective. Can you give me some history regarding the purpose of the TimeStamp class with a single 'value' attribute and its intended use in the model?	
Proposed Solution [Terrence Saxton] Dan, it looks to me like we have an issue that needs resolution. A while back, we created AbsoluteDateTime to be the data type to be used for the attribute timeStamp in the MeasurementValue and Control classes. So I think when we did that, we should have done the following: 1) Eliminated TimeStamp as a data type from the Domain package. 2) Changed the value attribute of AbsoluteDateTime to the primitive string.	
Decision 6/22/04: WG13: Agree to proposed change. Not correct in current UML model. 040505: Deferred to parking lot on Time issues. 6-Sept-2006: AbsoluteDateTime is now a string conforming to ISO 8601. Issue closed.	