
Question

[Marco Migani](#) · Oct 20, 2022

XML CDA2 : remove "mif" indication to xsi:type

We have imported a CLinical Document Architecture v2 (CDA2) schema to create CDA2 content using %XML.Adaptor classes

Schema

<https://gazelle.ihe.net/XSD/HL7/CDA/POCDMT000040.xsd>

One of the item is "observation " with value property

```
Class Region.ITXX.Utility.COMMON.CDA2.Schema.POCDMT000040.Observation Extends (%RegisteredObject, %XML.Adaptor) [ CompileAfter = (Region.ITXX.Utility.COMMON.CDA2.Schema.AbstractClassObservation, Region.ITXX.Utility.COMMON.CDA2.Schema.NullFlavor, Region.ITXX.Utility.COMMON.CDA2.Schema.bl, Region.ITXX.Utility.COMMON.CDA2.Schema.xActMoodDocumentObservation), ProcedureBlock ]  
{  
  
Parameter ELEMENTQUALIFIED = 1;  
  
Parameter NAMESPACE = "urn:hl7-org:v3";  
  
Parameter XMLNAME = "POCD_MT000040.Observation";  
  
Parameter XMLSEQUENCE = 1;  
  
Parameter XMLTYPE = "POCD_MT000040.Observation";  
  
Property value As list Of Region.ITXX.Utility.COMMON.CDA2.Schema.ANY(XMLNAME = "value", XMLPROJECTION = "ELEMENT");  
  
  
Class Region.ITXX.Utility.COMMON.CDA2.Schema.ANY Extends (%RegisteredObject, %XML.Adaptor) [ Abstract, CompileAfter = Region.ITXX.Utility.COMMON.CDA2.Schema.NullFlavor, ProcedureBlock, SqlTableName = _ANY ]  
{  
  
Parameter ELEMENTQUALIFIED = 1;  
  
Parameter NAMESPACE = "urn:hl7-org:v3";  
  
Parameter XMLNAME = "ANY";  
  
Parameter XMLSEQUENCE = 1;  
  
/// An exceptional value expressing missing information  
/// and possibly the reason why the information is missing.  
Property nullFlavor As Region.ITXX.Utility.COMMON.CDA2.Schema.NullFlavor(XMLNAME = "n
```

```
ullFlavor", XMLPROJECTION = "ATTRIBUTE") ;  
}
```

Resulting XML shows as follow

```
<observation classCode="OBS" moodCode="DEF">  
<code code="2.6" codeSystem="2.16.840.1.113883.2.9.6.1.48" codeSystemName="Tipologie  
importi" codeSystemVersion="1" displayName="Totale"/>  
<value value="24680" xsi:type="mif:MO"/>  
</observation>
```

A Client CDA2 validator shows the following error

```
count(cda:value)=1 and count(cda:value/@xsi:type)=1 and cda:value/@xsi:type='MO' and  
count(cda:value/@value)=1 and number(cda:value/@value)E - 25
```

Location

/ClinicalDocument/component/structuredBody/component[9]/section/entry/observation

Seems xsi:type="mif:MO" is not accepted

Is it possible to set-up xsi:type="MO" instead ?

#XML #InterSystems IRIS for Health

Product version: IRIS 2021.1

\$ZV: IRIS for UNIX (Red Hat Enterprise Linux for x86-64) 2021.1 (Build 215021202U) Thu Oct 21 2021 14:21:18
EDT

Source URL:<https://community.intersystems.com/post/xml-cda2-remove-mif-indication-xstype>