

ABCD - Support #382

Use only the DateTimeISO type

11/16/2016 11:38 AM - B. Baltruschat

Status:	New	Start date:	11/16/2016
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	XML Schema	Estimated time:	0.00 hour
Target version:			
Description			
via David Fichtmüller from ABCD Wiki (http://abcd.biowikifarm.net/wiki/Internal:ABCD_Corrections#Use_only_the_DateTimeISO_type)			
(Improvement not backward compatible Status: Suggested)			
<p>For all the date related elements which have a simple type (this excludes Date and DateTime) the DateTimeISO type should be used. The only exception would be DateText, as this has to be a String. This would allow for more flexibility, like adding times when useful and not being either forced to by xs:dateTime or restrained from by xs:date. Also both xs:date and xs:dateTime allow for more than 4 digit years. This makes a date like 20012-08-23 valid. In my opinion the disadvantages of potential errors like this outweighs the advantage of being able to point out a specific date 999.997.987 years into the future (yes, only with a 10 or more digit year the validator starts to complain).</p>			
Effected Elements:			
xs:dateTime			
DateLastEdited			
MeasurementDateTime			
DateCreated			
DateModified			
xs:date			
VerificationDate			
CreatedDate			
LoanDate			
LoanReturnDate			
DateIssued			
String			
AcquisitionDate			
AccessionDate			
AnnotationDate			
PlantingDate			

History

#1 - 01/24/2017 04:30 PM - D. Fichtmüller

- Project changed from ABCD 3.0 Project to ABCD

- Subject changed from Unit Extension : Use only the DateTimeISO type to Use only the DateTimeISO type

- *Category set to XML Schema*
- *Parent task set to #476*