ADDML diff 8.2 vs 8.3

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Analyse av ADDML 8.2 versus 8.3

Changes made in versions up to 8.2 are not documented in this document.

Updated 2014-08-15 and 2014-09-29, Terje Pettersen-Dahl:

Version 8.3:

1. Element reference in dataset made optional.

2. Optional possibility for header-lines.

3. FieldDefinitionReference made unique within an instance.

4. Created this documentation section.

NB! Testet diff med en modifisert kopi av ADDML 8.3 der xmlns:addml er erstattet med xmlns for å sammenligne kun faktiske endringer.

**ADDML 8.2 versus 8.3**

Endret i ADDML 8.3

* reference blitt valgfritt (var obligatorisk)
* Unødvendig ekstra sequence for flatFiles og dataObjects er fjernet
* recordDefinitions har fått ekstra elementer
  + unique name="uniqueFieldReferenceRepetingGroups"
  + unique name="uniqueFieldReferenceKeys"
  + HVA betyr dette i praksis <<< Notat kommer her
* recordDefinition ekstra valgfritt element headerLevel
  + <xs:element ref="headerLevel" minOccurs="0"/>
* fieldDefinitionReferences ekstra element uniqueFieldReference
  + <xs:unique name="uniqueFieldReference">

Vise med eksempler hva dette betyr <<< Notat kommer her

**ADDML 8.2 header**

<?xml version="1.0" encoding="UTF-8" standalone="no"?>

<xs:schema

xmlns="http://www.arkivverket.no/standarder/addml"

xmlns:xs="http://www.w3.org/2001/XMLSchema"

targetNamespace="http://www.arkivverket.no/standarder/addml"

elementFormDefault="qualified"

version="8.2">

**ADDML 8.3 header**

<?xml version="1.0" encoding="UTF-8" standalone="no"?>

<xs:schema

xmlns:addml="http://www.arkivverket.no/standarder/addml"

xmlns:xs="http://www.w3.org/2001/XMLSchema"

targetNamespace="http://www.arkivverket.no/standarder/addml"

elementFormDefault="qualified"

version="8.3">

**ADDML 8.2 dataset**

<xs:element name="dataset">

<xs:complexType>

<xs:sequence>

<xs:element ref="description" minOccurs="0"/>

<xs:element ref="reference"/>

<xs:sequence>

<xs:element ref="flatFiles" minOccurs="0"/>

<xs:element ref="dataObjects" minOccurs="0"/>

</xs:sequence>

</xs:sequence>

<xs:attribute name="name" type="xs:string"/>

</xs:complexType>

</xs:element>

**ADDML 8.3 dataset**

<xs:element name="dataset">

<xs:complexType>

<xs:sequence>

<xs:element ref="description" minOccurs="0"/>

<xs:element ref="reference" minOccurs="0"/>

<xs:element ref="flatFiles" minOccurs="0"/>

<xs:element ref="dataObjects" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="name" type="xs:string"/>

</xs:complexType>

</xs:element>

**ADDML 8.2 recordDefinitions**

<xs:element name="recordDefinitions">

<xs:complexType>

<xs:sequence>

<xs:element ref="recordDefinition" maxOccurs="unbounded"/>

</xs:sequence>

</xs:complexType>

</xs:element>

**ADDML 8.3 recordDefinitions**

<xs:element name="recordDefinitions">

<xs:complexType>

<xs:sequence>

<xs:element ref="recordDefinition" maxOccurs="unbounded"/>

</xs:sequence>

</xs:complexType>

<xs:unique name="uniqueFieldReferenceRepetingGroups">

<xs:selector

xpath="recordDefinition/repeatingGroups/repeatingGroup/fieldDefinitionReferences/fieldDefinitionReference"/>

<xs:field xpath="@name"/>

</xs:unique>

<xs:unique name="uniqueFieldReferenceKeys">

<xs:selector

xpath="recordDefinition/keys/key/fieldDefinitionReferences/fieldDefinitionReference"/>

<xs:field xpath="@name"/>

</xs:unique>

</xs:element>

**ADDML 8.2 recordDefinition**

<xs:element name="recordDefinition">

<xs:complexType>

<xs:sequence>

<xs:element ref="description" minOccurs="0"/>

<xs:element ref="properties" minOccurs="0"/>

<xs:element ref="recordDefinitionFieldValue" minOccurs="0"/>

<xs:element ref="incomplete" minOccurs="0"/>

<xs:element ref="fixedLength" minOccurs="0"/>

<xs:element ref="repeatingGroups" minOccurs="0"/>

<xs:element ref="keys" minOccurs="0"/>

<xs:element ref="fieldDefinitions"/>

</xs:sequence>

<xs:attribute name="name" type="xs:string" use="required"/>

<xs:attribute name="typeReference" type="xs:string"/>

</xs:complexType>

</xs:element>

**ADDML 8.3 recordDefinition**

<xs:element name="recordDefinition">

<xs:complexType>

<xs:sequence>

<xs:element ref="description" minOccurs="0"/>

<xs:element ref="properties" minOccurs="0"/>

<xs:element ref="recordDefinitionFieldValue" minOccurs="0"/>

<xs:element ref="incomplete" minOccurs="0"/>

<xs:element ref="fixedLength" minOccurs="0"/>

<xs:element ref="repeatingGroups" minOccurs="0"/>

<xs:element ref="keys" minOccurs="0"/>

<xs:element ref="fieldDefinitions"/>

<xs:element ref="headerLevel" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="name" type="xs:string" use="required"/>

<xs:attribute name="typeReference" type="xs:string"/>

</xs:complexType>

</xs:element>

**ADDML 8.2 fieldDefinitionReferences**

<xs:element name="fieldDefinitionReferences">

<xs:complexType>

<xs:sequence>

<xs:element ref="fieldDefinitionReference" maxOccurs="unbounded"/>

</xs:sequence>

</xs:complexType>

</xs:element>

**ADDML 8.3 fieldDefinitionReferences**

<xs:element name="fieldDefinitionReferences">

<xs:complexType>

<xs:sequence>

<xs:element ref="fieldDefinitionReference" maxOccurs="unbounded"/>

</xs:sequence>

</xs:complexType>

<xs:unique name="uniqueFieldReference">

<xs:selector xpath="fieldDefinitionReference"/>

<xs:field xpath="@name"/>

</xs:unique>

</xs:element>

**ADDML 8.3 headerLevel**

<xs:element name="headerLevel" type="xs:integer"/>