

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="uniqueFieldReferenceRepeatingGroups"**
 - **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="uniqueFieldReferenceRepeatingGroups">
    <xs:selector
```

```
    xpath="recordDefinition/repeatingGroups/repeatingGroup/fieldDefinitionReferences/fieldDefinition
Reference"/>
    <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>

```

```
</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"/>
```