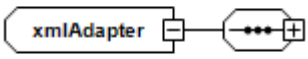
Data XML Schema

xmlAdapter - complex type

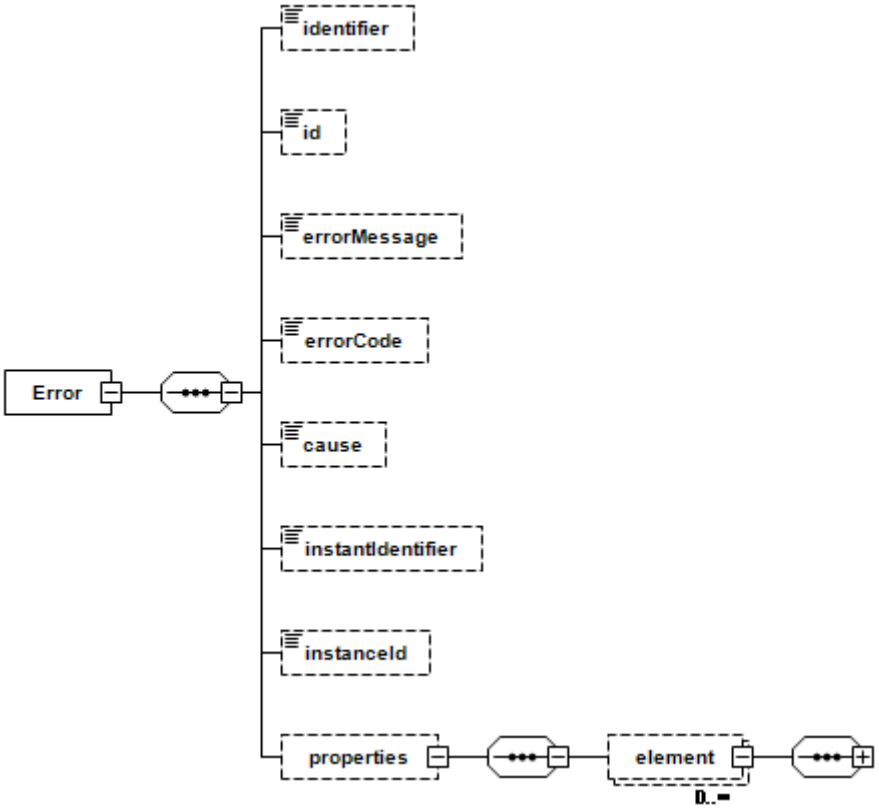
A technical-purpose complex type definition used to represent key/value pairs (e.g. keys, properties.)




```
<xs:complexType abstract="true" name="xmlAdapter">
    <xs:sequence/>
</xs:complexType>
```

Error - complex type

A justified error related to form validations.



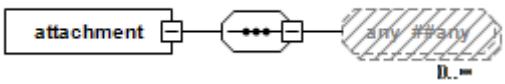
Attribute name	Attribute type	Attribute description
identifier	xs:string	Identifier
id	xs:string	Unique identifier

errorMessage	xs:string	Error message
errorCode	xs:string	Error code
cause	xs:string	Cause of error
instantIdentifier	xs:string	Instance identifier (not used in Elektra2, elimination in progress)
instanceId	xs:string	Instance identifier
properties	form:formAdaptedMap	Properties

```
    <xs:complexType name="justifiableError">
        <xs:annotation>
            <xs:documentation>
                <![CDATA[Justified error related to form validations.]]>
            </xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element minOccurs="0" name="identifier" type="xs:string"/>
            <xs:element minOccurs="0" name="id" type="xs:string"/>
            <xs:element minOccurs="0" name="errorMessage" type="xs:string"/>
            <xs:element minOccurs="0" name="errorCode" type="xs:string"/>
            <xs:element minOccurs="0" name="cause" type="xs:string"/>
            <xs:element minOccurs="0" name="instantIdentifier" type="xs:string"/>
            <xs:element minOccurs="0" name="instanceId" type="xs:string"/>
            <xs:element minOccurs="0" name="properties"
type="form:formAdaptedMap"/>
        </xs:sequence>
    </xs:complexType>
```

attachment - complex type

Attachment descriptors

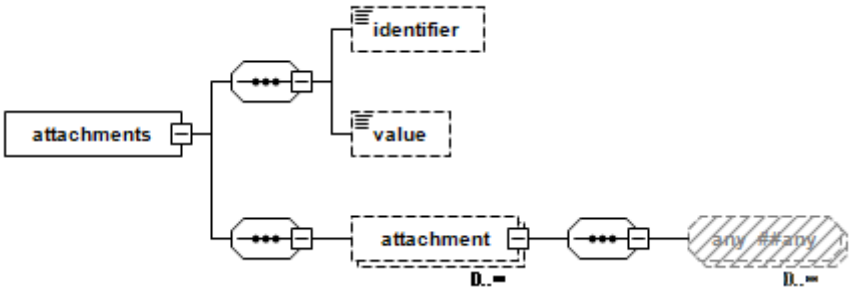


Attribute name	Attribute type	Attribute description
id	xs:string	Identifier
fileName	xs:string	File name
fileSize	xs:string	File size

```
    <xs:complexType name="attachment">
        <xs:annotation>
            <xs:documentation>
                <![CDATA[Attachment descriptors]]>
            </xs:documentation>
        </xs:annotation>
        <xs:sequence/>
        <xs:attribute name="id" type="xs:string"/>
        <xs:attribute name="fileName" type="xs:string"/>
        <xs:attribute name="fileSize" type="xs:string"/>
    </xs:complexType>
```

attachments - complex type

List of attachments

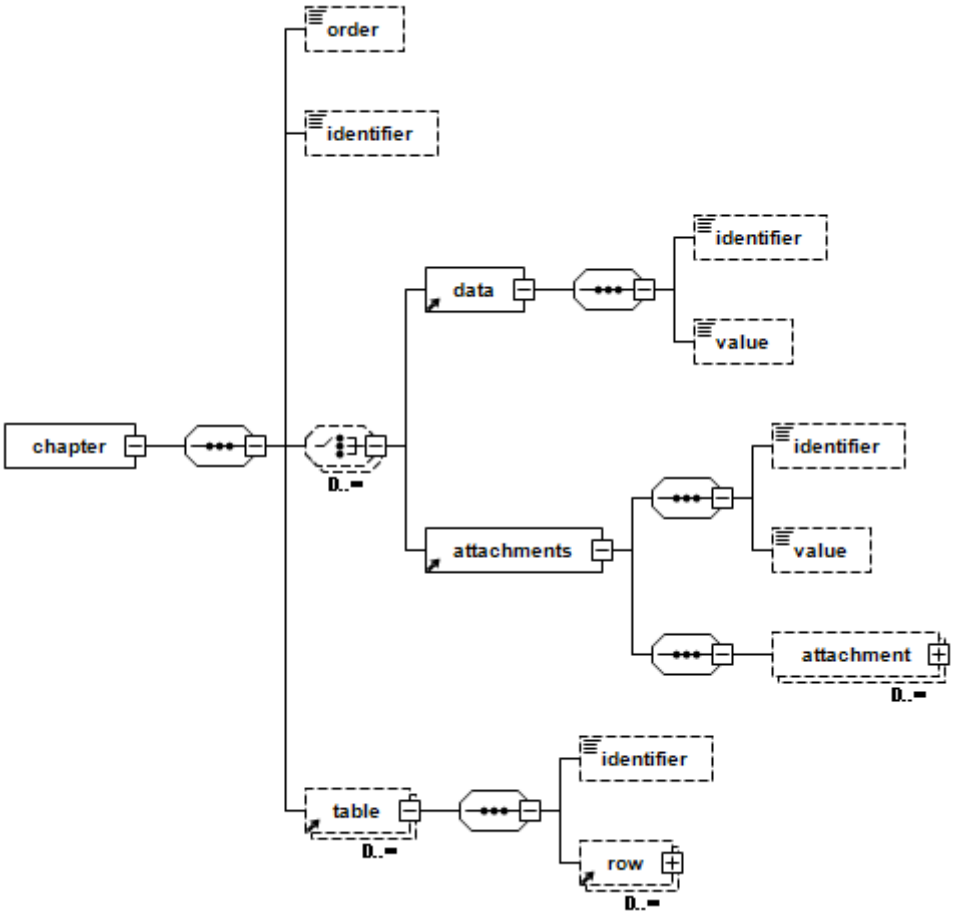


Attribute name	Attribute type	Attribute description
identifier	xs:string	Identifier
value	xs:string	Value
attachment	form:attachment	Attachment

```
    <xs:complexType name="attachments">
        <xs:annotation>
            <xs:documentation>
                <![CDATA[List of attachments]]>
            </xs:documentation>
        </xs:annotation>
        <xs:complexContent>
            <xs:extension base="form:data">
                <xs:sequence>
                    <xs:element maxOccurs="unbounded" minOccurs="0"
name="attachment" nillable="true" type="form:attachment"/>
                </xs:sequence>
            </xs:extension>
        </xs:complexContent>
    </xs:complexType>
```

chapter - complex type

Class representing a chapter of the form.

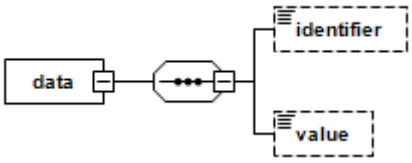


Attribute name	Attribute type	Attribute description
order	xs:long	Order
identifier	xs:string	Identifier

```
    <xs:complexType name="chapter">
        <xs:annotation>
            <xs:documentation>
                <![CDATA[Class representing a chapter of the form.]]>
            </xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element minOccurs="0" name="order" type="xs:long"/>
            <xs:element minOccurs="0" name="identifier" type="xs:string"/>
            <xs:choice maxOccurs="unbounded" minOccurs="0">
                <xs:element ref="form:data"/>
                <xs:element ref="form:attachments"/>
            </xs:choice>
            <xs:element maxOccurs="unbounded" minOccurs="0" ref="form:table"/>
        </xs:sequence>
        <xs:attribute name="s" type="form:sourceEnum"/>
    </xs:complexType>
```

Data - complex type

Form data item

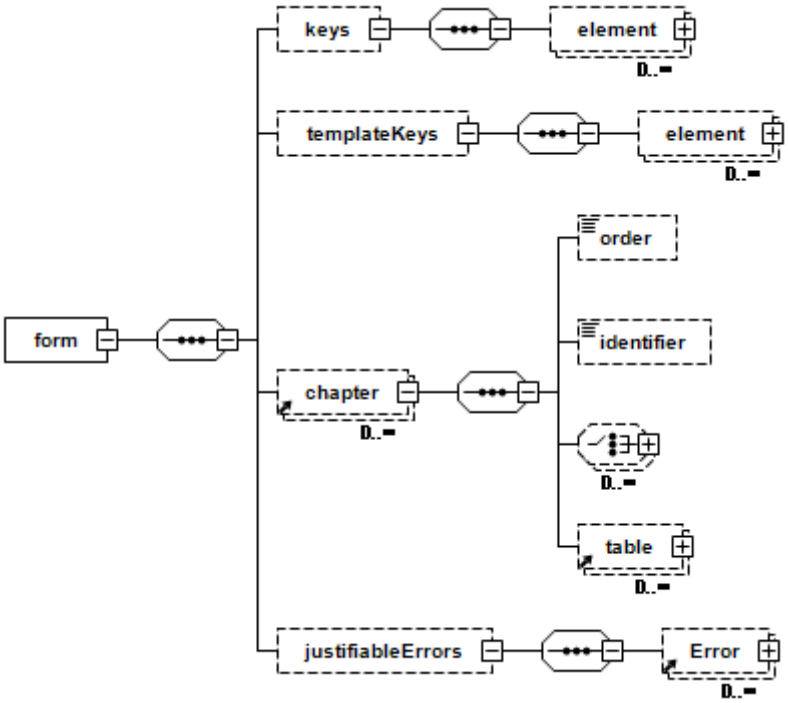


Attribute name	Attribute type	Attribute description
identifier	xs:string	Identifier
value	xs:string	Value

```
<xs:complexType name="data">
    <xs:annotation>
        <xs:documentation>
            <![CDATA[Form data item.]]>
        </xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element minOccurs="0" name="identifier" type="xs:string"/>
        <xs:element minOccurs="0" name="value" type="xs:string"/>
    </xs:sequence>
    <xs:attribute name="s" type="form:sourceEnum">
        <xs:annotation>
            <xs:documentation>
                <![CDATA[Source of data.]]>
            </xs:documentation>
        </xs:annotation>
    </xs:attribute>
</xs:complexType>
```

form - complex type

Form, the main element of data XML

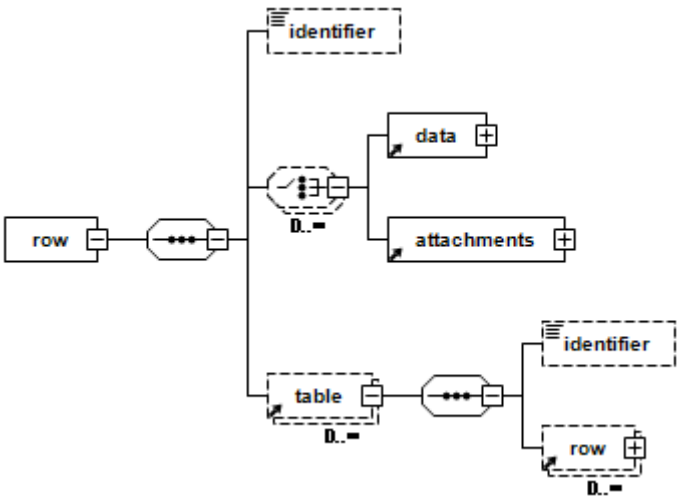


Attribute name	Attribute type	Attribute description
keys	form:formAdaptedMap	Unique identifier of data XML, ‘id’ and ‘verzio’ (version)
templateKeys	form:formAdaptedMap	Keys set in form template
chapter	form:chapter	Chapter
justifiableErrors	form:Error	Justified errors

```
    <xs:complexType name="form">
        <xs:annotation>
            <xs:documentation>
                <![CDATA[Form, the main element of data XML.]]>
            </xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element minOccurs="0" name="keys" type="form:formAdaptedMap"/>
            <xs:element minOccurs="0" name="templateKeys"
type="form:formAdaptedMap"/>
            <xs:element maxOccurs="unbounded" minOccurs="0" ref="form:chapter"/>
            <xs:element minOccurs="0" name="justifiableErrors">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element maxOccurs="unbounded" minOccurs="0"
ref="form:Error"/>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
```

row - complex type

A row in a table

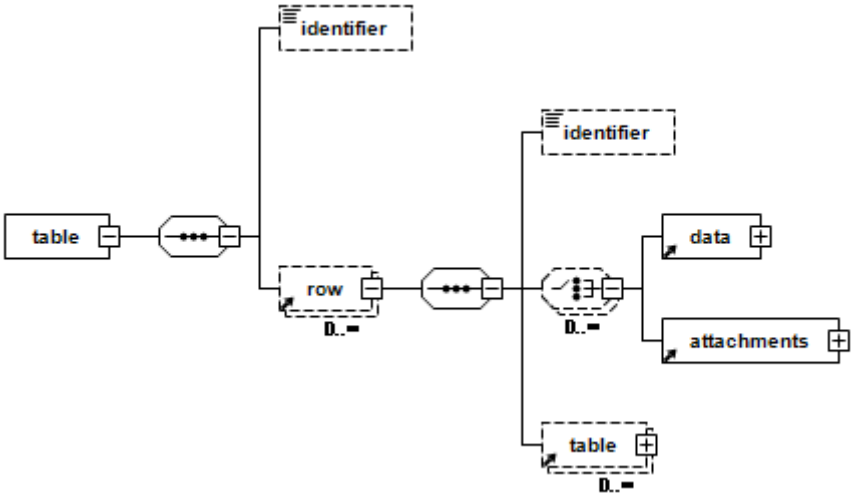



```
    <xs:complexType name="row">
        <xs:annotation>
            <xs:documentation>
```

```
            <![CDATA[A row in a table.]]>
        </xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element minOccurs="0" name="identifier" type="xs:string"/>
        <xs:choice maxOccurs="unbounded" minOccurs="0">
            <xs:element ref="form:data"/>
            <xs:element ref="form:attachments"/>
        </xs:choice>
        <xs:element maxOccurs="unbounded" minOccurs="0" ref="form:table"/>
    </xs:sequence>
    <xs:attribute name="panel" type="xs:string"/>
    <xs:attribute name="s" type="form:sourceEnum"/>
</xs:complexType>
```

table - complex type

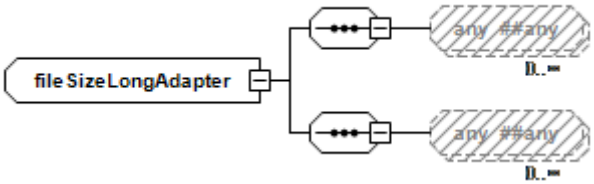
Class containing data of a table in the form



Attribute name	Attribute type	Attribute description
identifier	xs:string	Azonosító

```
<xs:complexType name="table">
    <xs:annotation>
        <xs:documentation>
            <![CDATA[Class containing data of a table in the form.]]>
        </xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element minOccurs="0" name="identifier" type="xs:string"/>
        <xs:element maxOccurs="unbounded" minOccurs="0" ref="form:row"/>
    </xs:sequence>
</xs:complexType>
```

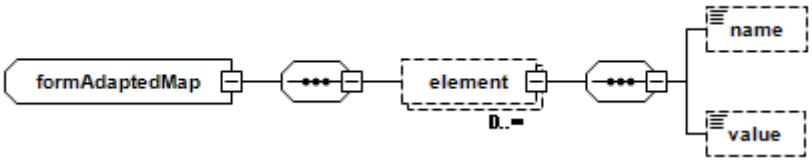
fileSizeLongAdapter - complex type




```
    <xs:complexType name="fileSizeLongAdapter">
        <xs:complexContent>
            <xs:extension base="xmlAdapter">
                <xs:sequence/>
            </xs:extension>
        </xs:complexContent>
    </xs:complexType>
```

formAdaptedMap - complex type

Adapter class for mapping a Map type into XML and reading it back

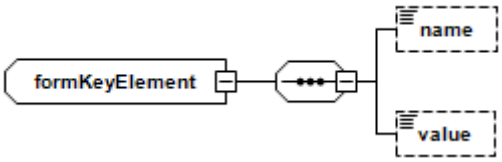


Attribute name	Attribute type	Attribute description
name	xs:string	Name
value	xs:string	Value

```
    <xs:complexType name="formAdaptedMap">
        <xs:annotation>
            <xs:documentation>
                <![CDATA[Adapter class for mapping a Map type into XML and reading
it back.]]>
            </xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element maxOccurs="unbounded" minOccurs="0" name="element"
nillable="true" type="form:formKeyElement"/>
        </xs:sequence>
    </xs:complexType>
```

formKeyElement - complex type

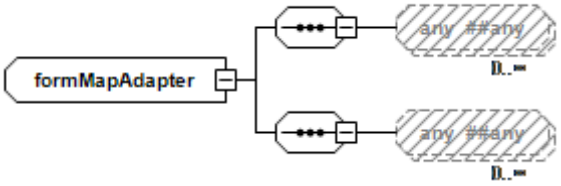
Representation of key/value pairs



Attribute name	Attribute type	Attribute description
name	xs:string	Name
value	xs:string	Value

```
<xs:complexType name="formKeyElement">
    <xs:annotation>
        <xs:documentation>
            <![CDATA[Representation of key/value pairs.]]>
        </xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element minOccurs="0" name="name" type="xs:string"/>
        <xs:element minOccurs="0" name="value" type="xs:string"/>
    </xs:sequence>
</xs:complexType>
```

formMapAdapter - complex type




```
<xs:complexType name="formMapAdapter">
    <xs:complexContent>
        <xs:extension base="xmlAdapter">
            <xs:sequence/>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
```

sourceEnum - simple type

Possible sources of data

```
<xs:simpleType name="sourceEnum">
    <xs:annotation>
        <xs:documentation>
            <![CDATA[Possible sources of data.]]>
        </xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
        <xs:enumeration value="P"/>
    </xs:restriction>
</xs:simpleType>
```