



**The New System of Accounts**  
**Message structure: Formal error**  
**(admi.err.001.01)**

**Description:**

Formal error message is sent from the KDPW system in response to an erroneous message which is inconsistent with the declared XML Schema.

**Structure:**

No.	or	<XMLTag>	Name	Multiplicity	Type
0		<a href="#">KDPWDocument</a>	KDPW system message	[1..1]	<a href="#">KDPWDocument</a>
0.1		<a href="#">admi.err.001.01</a>	Instruction formal error	[1..n]	<a href="#">admi.err.001.01</a>
1		<a href="#">GnlInf</a>	General information	[1..1]	<a href="#">GeneralInformation</a>
1.1		<a href="#">SndrMsgRef</a>	Message ID	[1..1]	<a href="#">Max16Text</a>
1.2		<a href="#">CreDtTm</a>	Date of message creation	[0..1]	<a href="#">DateAndDateTimeChoice</a>
1.2.1	{or	<a href="#">Dt</a>	Date	[1..1]	<a href="#">ISODate</a>
1.2.2	or}	<a href="#">DtTm</a>	Date and time	[1..1]	<a href="#">ISODateTime</a>
2		<a href="#">FileInf</a>	File information	[1..1]	<a href="#">FileInformation</a>
2.1		<a href="#">Nm</a>	File/message name	[1..1]	<a href="#">Max128Text</a>
2.2		<a href="#">Sndr</a>	File sender	[1..1]	<a href="#">KDPWMemberIdentifier</a>
2.3		<a href="#">RcvDtTm</a>	Date of receipt	[1..1]	<a href="#">ISODateTime</a>
3		<a href="#">ErrDtls</a>	Error details	[1..1]	<a href="#">ErrorDetails</a>
3.1		<a href="#">ErrCd</a>	Error code	[1..1]	<a href="#">Code4Text</a>
3.2		<a href="#">LnNb</a>	Line number	[0..1]	<a href="#">Max5Int</a>
3.3		<a href="#">Pos</a>	Position	[0..1]	<a href="#">Max4Int</a>
3.4		<a href="#">AddtlInf</a>	Additional information	[0..1]	<a href="#">Max140Text</a>

**Message component elements:**

**KDPWDocument- KDPW system message (element)**

**Description**      KDPW system message

**Type**              [KDPWDocument](#)

**Source**             <xs:element name="KDPWDocument" type="KDPWDocument" />

**Code4Text- Qualifier (simple type)**

**Description**      Qualifier, code

**Type**              Derivative of type: xs:string

**Format**            Min. length=4  
                         Max. length=4

**Source**            <xs:simpleType name="Code4Text" >  
                         <xs:restriction base="xs:string" >  
                             <xs:whiteSpace value="collapse" />  
                             <xs:minLength value="4" />  
                             <xs:maxLength value="4" />  
                         </xs:restriction>  
                         </xs:simpleType>

## DateAndDateTimeChoice- Date and time (complex type)

**Description**      Date and time

**Component elements**    [Dt](#)  
                                 [DtTm](#)

**Source**            <xs:complexType name="DateAndDateTimeChoice" >  
                         <xs:sequence >  
                             <xs:choice >  
                               <xs:element name="Dt" type="ISODate" />  
                               <xs:element name="DtTm" type="ISODateTime" />  
                             </xs:choice>  
                         </xs:sequence>  
                         </xs:complexType>

## DateAndDateTimeChoice/Dt- Date (element)

**Description**      Date

**Type**              [ISODate](#)

**Source**            <xs:element name="Dt" type="ISODate" />

## DateAndDateTimeChoice/DtTm- Date and time (element)

**Description**      Date and time

**Type**              [ISODateTime](#)

**Source**            <xs:element name="DtTm" type="ISODateTime" />

## ErrorDetails- Error details (complex type)

**Description**      Detailed information on the error

**Component elements**     [ErrCd](#)  
                              [LnNb](#){0,1}  
                              [Pos](#){0,1}  
                              [Addtlnf](#){0,1}

**Source**                    <xs:complexType name="ErrorDetails" >  
                              <xs:sequence >  
                                  <xs:element name="ErrCd" type="Code4Text" />  
                                  <xs:element name="LnNb" type="Max5Int" minOccurs="0" />  
                                  <xs:element name="Pos" type="Max4Int" minOccurs="0" />  
                                  <xs:element name="Addtlnf" type="Max140Text" minOccurs="0" />  
                              </xs:sequence>  
                              </xs:complexType>

### **ErrorDetails/ErrCd- Error code (element)**

**Description**            Error code

**Type**                    [Code4Text](#)

**Source**                    <xs:element name="ErrCd" type="Code4Text" />

### **ErrorDetails/LnNb- Line number (element)**

**Description**            Number of line in the message in which the error was identified

**Type**                    [Max5Int](#)

**Source**                    <xs:element name="LnNb" type="Max5Int" minOccurs="0" />

### **ErrorDetails/Pos- Position (element)**

**Description**            Number of character in the line in which the error was identified

**Type**                    [Max4Int](#)

**Source**                    <xs:element name="Pos" type="Max4Int" minOccurs="0" />

### **ErrorDetails/Addtlnf- Additional information (element)**

**Description**            Additional information

**Type**                    [Max140Text](#)

**Source**                    <xs:element name="Addtlnf" type="Max140Text" minOccurs="0" />

## FileInformation- File information (complex type)

<b>Description</b>	File information
<b>Component elements</b>	<a href="#">Nm</a> <a href="#">Sndr</a> <a href="#">RcvDtTm</a>
<b>Source</b>	<pre>&lt;xs:complexType name="FileInformation" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="Nm" type="Max128Text" /&gt;     &lt;xs:element name="Sndr" type="KDPWMemberIdentifier" /&gt;     &lt;xs:element name="RcvDtTm" type="ISODatetime" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

## FileInformation/Nm- File/message name (element)

<b>Description</b>	File/message name
<b>Type</b>	<a href="#">Max128Text</a>
<b>Source</b>	<pre>&lt;xs:element name="Nm" type="Max128Text" /&gt;</pre>

## FileInformation/Sndr- File sender (element)

<b>Description</b>	File/message sender
<b>Type</b>	<a href="#">KDPWMemberIdentifier</a>
<b>Source</b>	<pre>&lt;xs:element name="Sndr" type="KDPWMemberIdentifier" /&gt;</pre>

## FileInformation/RcvDtTm- Date of receipt (element)

<b>Description</b>	Date of receipt
<b>Type</b>	<a href="#">ISODatetime</a>
<b>Source</b>	<pre>&lt;xs:element name="RcvDtTm" type="ISODatetime" /&gt;</pre>

## GeneralInformation- General information (complex type)

<b>Description</b>	General information
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**Component elements**      [SndrMsgRef](#)  
                                  [CreDtTm](#){0,1}

**Source**                    <xs:complexType name="GeneralInformation" >  
                                  <xs:sequence >  
                                  <xs:element name="SndrMsgRef" type="Max16Text" />  
                                  <xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" />  
                                  </xs:sequence>  
                                  </xs:complexType>

### GeneralInformation/SndrMsgRef- Message ID (element)

**Description**      Message ID generated by the sender

**Type**                [Max16Text](#)

**Source**                <xs:element name="SndrMsgRef" type="Max16Text" />

### GeneralInformation/CreDtTm- Date of message creation (element)

**Description**      Date of message creation

**Type**                [DateAndDateTimeChoice](#)

**Source**                <xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" />

### ISODate- Date (simple type)

**Description**      Date

**Type**                Derivative of type: xs:date

**Format**

**Source**                <xs:simpleType name="ISODate" >  
                                  <xs:restriction base="xs:date" >  
                                  </xs:restriction>  
                                  </xs:simpleType>

### ISODateTime- Date and time (simple type)

**Description**      Date and time

**Type**                Derivative of type: xs:dateTime

**Format**

**Source** `<xs:simpleType name="ISODatetime" >  
<xs:restriction base="xs:dateTime" >  
</xs:restriction>  
</xs:simpleType>`

## KDPWDocument- KDPW system message (complex type)

**Description** KDPW system message

Attributes	Name	Description	Type
	Sndr	Sender	<a href="#">KDPWMemberIdentifier</a>
	Rcvr	Receiver	<a href="#">KDPWMemberIdentifier</a>

**Component elements** [admi.err.001.01](#){1,unbounded}

**Source** `<xs:complexType name="KDPWDocument" >  
<xs:sequence >  
<xs:element name="admi.err.001.01" type="admi.err.001.01" maxOccurs="unbounded" />  
</xs:sequence>  
<xs:attribute name="Sndr" type="KDPWMemberIdentifier" use="required" />  
<xs:attribute name="Rcvr" type="KDPWMemberIdentifier" use="required" />  
</xs:complexType>`

## KDPWDocument/admi.err.001.01- Instruction formal error (element)

**Description** Instruction formal error

**Type** [admi.err.001.01](#)

**Source** `<xs:element name="admi.err.001.01" type="admi.err.001.01" maxOccurs="unbounded" />`

## KDPWMemberIdentifier- KDPW participant ID (simple type)

**Description** KDPW participant ID

**Type** Derivative of type: xs:string

**Format** Min. length=4  
Max. length=4

**Source** `<xs:simpleType name="KDPWMemberIdentifier" >  
<xs:restriction base="xs:string" >  
<xs:whiteSpace value="collapse" />  
<xs:minLength value="4" />  
<xs:maxLength value="4" />  
</xs:restriction>  
</xs:simpleType>`

### Max4Int- Number (simple type)

<b>Description</b>	Integer - maximum length 4 characters
<b>Type</b>	Derivative of type: xs:integer
<b>Format</b>	Number of characters=4 Min. value=0
<b>Source</b>	<pre>&lt;xs:simpleType name="Max4Int" &gt;   &lt;xs:restriction base="xs:integer" &gt;     &lt;xs:totalDigits value="4" /&gt;     &lt;xs:minInclusive value="0" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

### Max5Int- Number (simple type)

<b>Description</b>	Integer - maximum length 5 characters
<b>Type</b>	Derivative of type: xs:integer
<b>Format</b>	Number of characters=5 Min. value=0
<b>Source</b>	<pre>&lt;xs:simpleType name="Max5Int" &gt;   &lt;xs:restriction base="xs:integer" &gt;     &lt;xs:totalDigits value="5" /&gt;     &lt;xs:minInclusive value="0" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

### Max4Text- Text (simple type)

<b>Description</b>	Text - maximum length 4 characters
<b>Type</b>	Derivative of type: xs:string
<b>Format</b>	Min. length=1 Max. length=4
<b>Source</b>	<pre>&lt;xs:simpleType name="Max4Text" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:whiteSpace value="collapse" /&gt;     &lt;xs:minLength value="1" /&gt;     &lt;xs:maxLength value="4" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>



## Max16Text- Text (simple type)

**Description** Text - maximum length 16 characters

**Type** Derivative of type: xs:string

**Format** Min. length=1  
Max. length=16

**Source**  

```
<xs:simpleType name="Max16Text" >  
  <xs:restriction base="xs:string" >  
    <xs:whiteSpace value="collapse" />  
    <xs:minLength value="1" />  
    <xs:maxLength value="16" />  
  </xs:restriction>  
</xs:simpleType>
```

## Max128Text- Text (simple type)

**Description** Text - maximum length 128 characters

**Type** Derivative of type: xs:string

**Format** Min. length=1  
Max. length=128

**Source**  

```
<xs:simpleType name="Max128Text" >  
  <xs:restriction base="xs:string" >  
    <xs:whiteSpace value="collapse" />  
    <xs:minLength value="1" />  
    <xs:maxLength value="128" />  
  </xs:restriction>  
</xs:simpleType>
```

## Max140Text- Text (simple type)

**Description** Text - maximum length 140 characters

**Type** Derivative of type: xs:string

**Format** Min. length=1  
Max. length=140

**Source**  

```
<xs:simpleType name="Max140Text" >  
  <xs:restriction base="xs:string" >  
    <xs:minLength value="1" />  
    <xs:maxLength value="140" />  
  </xs:restriction>  
</xs:simpleType>
```

## admi.err.001.01- Instruction formal error (complex type)

**Description** Instruction formal error

**Component elements** [GnlInf](#)  
[FileInf](#)  
[ErrDtls](#)

**Source**

```
<xs:complexType name="admi.err.001.01" >
  <xs:sequence >
    <xs:element name="GnlInf" type="GeneralInformation" />
    <xs:element name="FileInf" type="FileInformation" />
    <xs:element name="ErrDtls" type="ErrorDetails" />
  </xs:sequence>
</xs:complexType>
```

## admi.err.001.01/GnlInf- General information (element)

**Description** General information block

**Type** [GeneralInformation](#)

**Source** <xs:element name="GnlInf" type="GeneralInformation" />

## admi.err.001.01/FileInf- File information (element)

**Description** File information

**Type** [FileInformation](#)

**Source** <xs:element name="FileInf" type="FileInformation" />

## admi.err.001.01/ErrDtls- Error details (element)

**Description** Error details

**Type** [ErrorDetails](#)

**Source** <xs:element name="ErrDtls" type="ErrorDetails" />