

# Schema documentation for DR-GW-OrganisationBlock.xsd

november 5, 2024

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## Namespace: "DR-GW-Interface/DR-GW-OrganisationBlock"

### Schema(s)

#### Main schema DR-GW-OrganisationBlock.xsd

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock
Annotations	Version 1.1.1
Properties	attribute form default: unqualified element form default: qualified

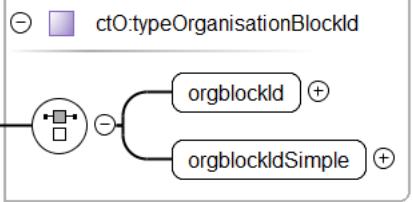
### Element(s)

#### Element Org\_Get

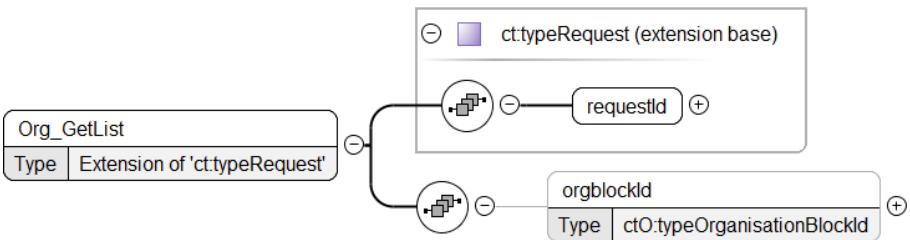
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock
Annotations	
Diagram	<pre> classDiagram     class ct:typeRequest {         &lt;&lt;extension base&gt;&gt;     }     class Org_Get {         &lt;&lt;Extension of 'ct:typeRequest'&gt;&gt;         attribute requestId         attribute orgblockId     }     ct:typeRequest &lt; -- Org_Get   </pre>
Type	extension of ct:typeRequest
Type hierarchy	<ul style="list-style-type: none"> <li>• ct:typeRequest</li> </ul>
Properties	content: complex
Model	ct:requestId , orgblockId
Children	ct:requestId, orgblockId
Instance	<pre> &lt;Org_Get xmlns="DR-GW-Interface/DR-GW-OrganisationBlock" xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:requestId&gt;{1,1}&lt;/ct:requestId&gt;   &lt;orgblockId&gt;{1,1}&lt;/orgblockId&gt; &lt;/Org_Get&gt;   </pre>
Source	<pre> &lt;xsd:element name="Org_Get"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:complexContent&gt;       &lt;xsd:extension base="ct:typeRequest"&gt;         &lt;xsd:sequence&gt;           &lt;xsd:element name="orgblockId" type="ctO:typeOrganisationBlockId"/&gt;         &lt;/xsd:sequence&gt;       &lt;/xsd:extension&gt;     &lt;/xsd:complexContent&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

#### Element Org\_Get / orgblockId

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock
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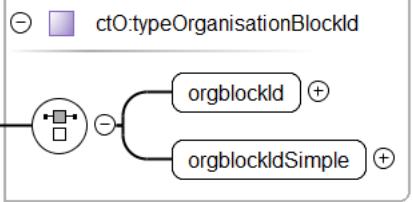
Diagram	
Type	typeOrganisationBlockId
Properties	content: complex
Model	orgblockId   orgblockIdSimple
Children	orgblockId, orgblockIdSimple
Instance	<pre>&lt;orgblockId xmlns="DR-GW-Interface/DR-GW-OrganisationBlock" xmlns:ctO="DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes"&gt;     &lt;ctO:orgblockId&gt;{1,1}&lt;/ctO:orgblockId&gt;     &lt;ctO:orgblockIdSimple&gt;{1,1}&lt;/ctO:orgblockIdSimple&gt; &lt;/orgblockId&gt;</pre>
Source	<code>&lt;xs:element name="orgblockId" type="ctO:typeOrganisationBlockId" /&gt;</code>

## Element Org\_GetList

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock
Annotations	
Diagram	
Type	extension of ct:typeRequest
Type hierarchy	• ct:typeRequest
Properties	content: complex
Model	ct:requestId , orgblockId{0,1}
Children	ct:requestId, orgblockId
Instance	<pre>&lt;Org_GetList xmlns="DR-GW-Interface/DR-GW-OrganisationBlock" xmlns:ct="DR-GW-Interface/CommonTypes"&gt;     &lt;ct:requestId&gt;{1,1}&lt;/ct:requestId&gt;     &lt;orgblockId&gt;{0,1}&lt;/orgblockId&gt; &lt;/Org_GetList&gt;</pre>
Source	<code>&lt;xs:element name="Org_GetList"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation/&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;         &lt;xs:complexContent&gt;             &lt;xs:extension base="ct:typeRequest"&gt;                 &lt;xs:sequence&gt;                     &lt;xs:element name="orgblockId" type="ctO:typeOrganisationBlockId" minOccurs="0" /&gt;                 &lt;/xs:sequence&gt;             &lt;/xs:extension&gt;         &lt;/xs:complexContent&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt;</code>

## Element Org\_GetList / orgblockId

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock
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Diagram	
Type	typeOrganisationBlockId
Properties	content: complex minOccurs: 0
Model	orgblockId   orgblockIdSimple
Children	orgblockId, orgblockIdSimple
Instance	<pre>&lt;orgblockId xmlns="DR-GW-Interface/DR-GW-OrganisationBlock" xmlns:ctO="DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes"&gt;   &lt;ctO:orgblockId&gt;{1,1}&lt;/ctO:orgblockId&gt;   &lt;ctO:orgblockIdSimple&gt;{1,1}&lt;/ctO:orgblockIdSimple&gt; &lt;/orgblockId&gt;</pre>
Source	<pre>&lt;xs:element name="orgblockId" type="ctO:typeOrganisationBlockId" minOccurs="0"/&gt;</pre>

## Namespace: "DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes"

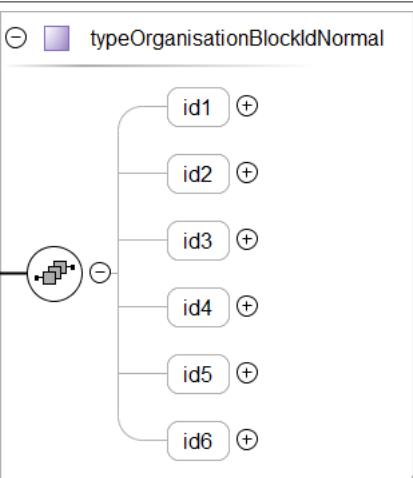
### Schema(s)

#### Imported schema DR-GW-OrganisationBlock.CommonTypes.xsd

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Annotations	Version 1.1.1
Properties	attribute form default: unqualified element form default: qualified

### Element(s)

#### Element typeOrganisationBlockId / orgblockId

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	
Type	typeOrganisationBlockIdNormal
Properties	content: complex
Model	id1{0,1} , id2{0,1} , id3{0,1} , id4{0,1} , id5{0,1} , id6{0,1}
Children	id1, id2, id3, id4, id5, id6
Instance	<pre>&lt;orgblockId xmlns="DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes"&gt;   &lt;id1&gt;{0,1}&lt;/id1&gt;</pre>

	<pre> &lt;id2&gt;{0,1}&lt;/id2&gt; &lt;id3&gt;{0,1}&lt;/id3&gt; &lt;id4&gt;{0,1}&lt;/id4&gt; &lt;id5&gt;{0,1}&lt;/id5&gt; &lt;id6&gt;{0,1}&lt;/id6&gt; &lt;/orgblockIds&gt; </pre>
Source	<pre>&lt;xss:element name="orgblockId" type="typeOrganisationBlockIdNormal" /&gt;</pre>

### Element typeOrganisationBlockIdNormal / id1

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes				
Diagram	<p>Diagram illustrating the type definition for id1:</p> <pre> classDiagram     class id1 {         &lt;&lt;xs:unsignedShort&gt;&gt;     } </pre> <p>A UML class diagram fragment showing element id1 associated with xs:unsignedShort. The id1 class has a multiplicity of 0..1. A note indicates: Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...</p>				
Type	xs:unsignedShort				
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<pre>&lt;xss:element name="id1" type="xs:unsignedShort" minOccurs="0" /&gt;</pre>				

### Element typeOrganisationBlockIdNormal / id2

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes				
Diagram	<p>Diagram illustrating the type definition for id2:</p> <pre> classDiagram     class id2 {         &lt;&lt;xs:unsignedShort&gt;&gt;     } </pre> <p>A UML class diagram fragment showing element id2 associated with xs:unsignedShort. The id2 class has a multiplicity of 0..1. A note indicates: Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...</p>				
Type	xs:unsignedShort				
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<pre>&lt;xss:element name="id2" type="xs:unsignedShort" minOccurs="0" /&gt;</pre>				

### Element typeOrganisationBlockIdNormal / id3

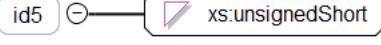
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes				
Diagram	<p>Diagram illustrating the type definition for id3:</p> <pre> classDiagram     class id3 {         &lt;&lt;xs:unsignedShort&gt;&gt;     } </pre> <p>A UML class diagram fragment showing element id3 associated with xs:unsignedShort. The id3 class has a multiplicity of 0..1. A note indicates: Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...</p>				
Type	xs:unsignedShort				
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<pre>&lt;xss:element name="id3" type="xs:unsignedShort" minOccurs="0" /&gt;</pre>				

### Element typeOrganisationBlockIdNormal / id4

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	<p>Diagram illustrating the type definition for id4:</p> <pre> classDiagram     class id4 {         &lt;&lt;xs:unsignedShort&gt;&gt;     } </pre> <p>A UML class diagram fragment showing element id4 associated with xs:unsignedShort. The id4 class has a multiplicity of 0..1. A note indicates: Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...</p>

Type	xs:unsignedShort
Properties	content: simple minOccurs: 0
Source	<code>&lt;xss:element name="id4" type="xs:unsignedShort" minOccurs="0" /&gt;</code>

### Element typeOrganisationBlockIdNormal / id5

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	 <p>Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...</p>
Type	xs:unsignedShort
Properties	content: simple minOccurs: 0
Source	<code>&lt;xss:element name="id5" type="xs:unsignedShort" minOccurs="0" /&gt;</code>

### Element typeOrganisationBlockIdNormal / id6

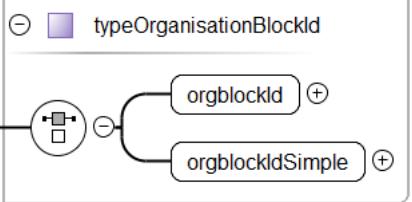
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	 <p>Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...</p>
Type	xs:unsignedShort
Properties	content: simple minOccurs: 0
Source	<code>&lt;xss:element name="id6" type="xs:unsignedShort" minOccurs="0" /&gt;</code>

### Element typeOrganisationBlockId / orgblockIdSimple

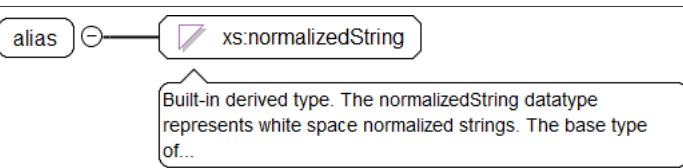
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	 <p>Organisation block send as simple normalized string. The pattern is: id1-id2-id3-id4-id5-id6</p>
Type	typeOrganisationBlockIdSimple
Properties	content: simple
Facets	pattern (( [0-9]   [1-9]\d{0,3}   [1-5]\d{4}   6[0-4]\d{3}   65[0-4]\d{2}   655[0-2]\d   6553[0-5] ) - ) {0,5} (( [0-9]   [1-9]\d{0,3}   [1-5]\d{4}   6[0-4]\d{3}   65[0-4]\d{2}   655[0-2]\d   6553[0-5] )
Source	<code>&lt;xss:element name="orgblockIdSimple" type="typeOrganisationBlockIdSimple" /&gt;</code>

### Element typeOrganisationBlock / orgblockId

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
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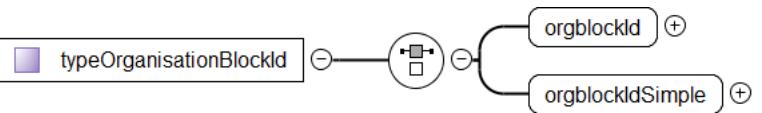
Diagram	
Type	typeOrganisationBlockId
Properties	content: complex
Model	orgblockId   orgblockIdSimple
Children	orgblockId, orgblockIdSimple
Instance	<pre>&lt;orgblockId xmlns="DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes"&gt;   &lt;orgblockId&gt;{1,1}&lt;/orgblockId&gt;   &lt;orgblockIdSimple&gt;{1,1}&lt;/orgblockIdSimple&gt; &lt;/orgblockId&gt;</pre>
Source	<pre>&lt;xs:element name="orgblockId" type="typeOrganisationBlockId" /&gt;</pre>

## Element typeOrganisationBlock / alias

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	 Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...
Type	xs:normalizedString
Properties	content: simple
Source	<pre>&lt;xs:element name="alias" type="xs:normalizedString" /&gt;</pre>

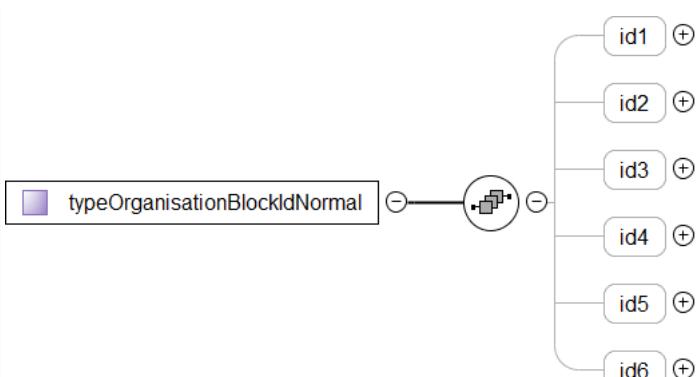
## Complex Type(s)

### Complex Type typeOrganisationBlockId

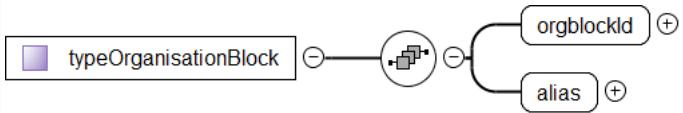
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Annotations	
Diagram	
Used by	Elements Org_Get/orgblockId, Org_GetList/orgblockId, typeOrganisationBlock/orgblockId
Model	orgblockId   orgblockIdSimple
Children	orgblockId, orgblockIdSimple
Source	<pre>&lt;xs:complexType name="typeOrganisationBlockId"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:choice&gt;     &lt;xs:element name="orgblockId" type="typeOrganisationBlockIdNormal" /&gt;     &lt;xs:element name="orgblockIdSimple" type="typeOrganisationBlockIdSimple" /&gt;   &lt;/xs:choice&gt; &lt;/xs:complexType&gt;</pre>

### Complex Type typeOrganisationBlockIdNormal

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Annotations	

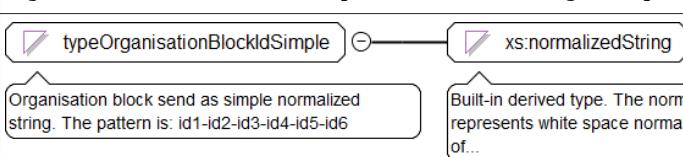
Diagram	
Used by	Element typeOrganisationBlockId/orgblockId
Model	id1{0,1} , id2{0,1} , id3{0,1} , id4{0,1} , id5{0,1} , id6{0,1}
Children	id1, id2, id3, id4, id5, id6
Source	<pre>&lt;xs:complexType name="typeOrganisationBlockIdNormal"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation/&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="id1" type="xs:unsignedShort" minOccurs="0"/&gt;     &lt;xs:element name="id2" type="xs:unsignedShort" minOccurs="0"/&gt;     &lt;xs:element name="id3" type="xs:unsignedShort" minOccurs="0"/&gt;     &lt;xs:element name="id4" type="xs:unsignedShort" minOccurs="0"/&gt;     &lt;xs:element name="id5" type="xs:unsignedShort" minOccurs="0"/&gt;     &lt;xs:element name="id6" type="xs:unsignedShort" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

## Complex Type typeOrganisationBlock

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Annotations	
Diagram	
Model	orgblockId , alias
Children	alias, orgblockId
Source	<pre>&lt;xs:complexType name="typeOrganisationBlock"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation/&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="orgblockId" type="typeOrganisationBlockId"/&gt;     &lt;xs:element name="alias" type="xs:normalizedString"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

## Simple Type(s)

### Simple Type typeOrganisationBlockIdSimple

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Annotations	Organisation block send as simple normalized string. The pattern is: id1-id2-id3-id4-id5-id6
Diagram	 Organisation block send as simple normalized string. The pattern is: id1-id2-id3-id4-id5-id6 Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...
Type	restriction of xs:normalizedString
Facets	pattern (([0-9]  [1-9]\d{0,3}  [1-5]\d{4}  6[0-4]\d{3}

		<pre>65[0-4]\d{2} 655[0-2]\d  6553[0-5])-){0,5}([0-9]  [1-9]\d{0,3} [1-5]\d{4}  6[0-4]\d{3} 65[0-4]\d{2}  655[0-2]\d 6553[0-5])</pre>
Used by	Element	typeOrganisationBlockId/orgblockIdSimple
Source		<pre>&lt;xs:simpleType name="typeOrganisationBlockIdSimple"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Organisation block send as simple normalized string. The pattern is: id1-id2-id3-id4-id5-id6&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:normalizedString"&gt;     &lt;xs:pattern value="(([0-9]  [1-9]\d{0,3}  [1-5]\d{4}  6[0-4]\d{3}  65[0-4]\d{2}  655[0-2]\d  6553[0-5])-){0,5}([0-9]   [1-9]\d{0,3}   [1-5]\d{4}   6[0-4]\d{3}   65[0-4]\d{2}   655[0-2]\d   6553[0-5])"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

## Namespace: "DR-GW-Interface/CommonTypes"

### Schema(s)

#### Imported schema CommonTypes.xsd

Namespace	DR-GW-Interface/CommonTypes
Annotations	Version 1.1.1
Properties	attribute form default: unqualified element form default: qualified

### Element(s)

#### Element ct:typeRequest / ct:requestId

Namespace	DR-GW-Interface/CommonTypes
Diagram	<pre> classDiagram     class requestId {         &lt;&lt;xs:unsignedLong&gt;&gt;     }     class requestId {         &lt;&lt;xs:unsignedLong&gt;&gt;     }     requestId &lt; --&gt; requestId   </pre> <p>Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...</p>
Type	xs:unsignedLong
Properties	content: simple
Source	<pre>&lt;xs:element name="requestId" type="xs:unsignedLong" /&gt;</pre>

#### Element ct:typeResult / ct:resultCode

Namespace	DR-GW-Interface/CommonTypes
Diagram	<pre> classDiagram     class resultCode {         &lt;&lt;ct:typeResponseCode&gt;&gt;     }     class resultCode {         &lt;&lt;ct:typeResponseCode&gt;&gt;     }     resultCode &lt; --&gt; resultCode   </pre>
Type	ct:typeResponseCode
Properties	content: simple
Facets	enumeration success enumeration final_response_pending enumeration error enumeration not_authorized_error enumeration temporary_failure enumeration subscription_failed
Source	<pre>&lt;xs:element name="resultCode" type="ct:typeResponseCode" /&gt;</pre>

#### Element ct:typeResult / ct:sourceSystem

Namespace	DR-GW-Interface/CommonTypes
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Diagram	
Type	ct:typeSourceSystem
Properties	content: simple minOccurs: 0
Facets	enumeration DR-GW enumeration TCS-API enumeration TETRA
Source	<code>&lt;xs:element name="sourceSystem" type="ct:typeSourceSystem" minOccurs="0" /&gt;</code>

### Element ct:typeResult / ct:result

Namespace	DR-GW-Interface/CommonTypes
Diagram	  Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...
Type	xs:unsignedLong
Properties	content: simple minOccurs: 0
Source	<code>&lt;xs:element name="result" type="xs:unsignedLong" minOccurs="0" /&gt;</code>

### Element ct:typeTSI / ct:mnc

Namespace	DR-GW-Interface/CommonTypes
Diagram	  Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...
Type	xs:unsignedShort
Properties	content: simple
Source	<code>&lt;xs:element name="mnc" type="xs:unsignedShort" /&gt;</code>

### Element ct:typeTSI / ct:mcc

Namespace	DR-GW-Interface/CommonTypes
Diagram	  Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...
Type	xs:unsignedShort
Properties	content: simple
Source	<code>&lt;xs:element name="mcc" type="xs:unsignedShort" /&gt;</code>

### Element ct:typeTSI / ct:ssi

Namespace	DR-GW-Interface/CommonTypes
Diagram	  Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...

Type	xs:unsignedLong
Properties	content: simple
Source	<xs:element name="ssi" type="xs:unsignedLong" />

### Element ct:typeExternal / ct:gatewayNumber

Namespace	DR-GW-Interface/CommonTypes
Diagram	<pre> classDiagram     class gatewayNumber {         &lt;&lt;xs:unsignedLong&gt;&gt;     }     gatewayNumber --o xs:unsignedLong   </pre> <p>Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...</p>
Type	xs:unsignedLong
Properties	content: simple
Source	<xs:element name="gatewayNumber" type="xs:unsignedLong" />

### Element ct:typeExternal / ct:number

Namespace	DR-GW-Interface/CommonTypes
Diagram	<pre> classDiagram     class number {         &lt;&lt;ct:typeDialString&gt;&gt;     }     number --o ct:typeDialString   </pre> <p>Allowed characters are digits 0 - 9, *, #, A, B, C and D. Maximum length is 24 characters.</p>
Type	ct:typeDialString
Properties	content: simple
Facets	maxLength 24
Source	<xs:element name="number" type="ct:typeDialString" />

### Element ct:typeSubscriberAddress / ct:ssi

Namespace	DR-GW-Interface/CommonTypes
Diagram	<pre> classDiagram     class ssi {         &lt;&lt;xs:unsignedLong&gt;&gt;     }     ssi --o xs:unsignedLong   </pre> <p>Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...</p>
Type	xs:unsignedLong
Properties	content: simple
Source	<xs:element name="ssi" type="xs:unsignedLong" />

### Element ct:typeSubscriberAddress / ct:tsi

Namespace	DR-GW-Interface/CommonTypes
Diagram	<pre> classDiagram     class tsi {         &lt;&lt;ct:typeTSI&gt;&gt;     }     tsi --o ct:typeTSI     ct:typeTSI {         &lt;&lt;Basic type for TETRA subscriber identity containing Network code(MNC) and Country code(MCC).&gt;&gt;         mnc &lt;&lt;ct:hex&gt;&gt;         mcc &lt;&lt;ct:hex&gt;&gt;         ssi &lt;&lt;ct:hex&gt;&gt;     }   </pre>

Type	ct:typeTSI
Properties	content: complex
Model	ct:mnc , ct:mcc , ct:ssi
Children	ct:mcc, ct:mnc, ct:ssi
Instance	<pre>&lt;ct:tsi xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:mnc&gt;{1,1}&lt;/ct:mnc&gt;   &lt;ct:mcc&gt;{1,1}&lt;/ct:mcc&gt;   &lt;ct:ssi&gt;{1,1}&lt;/ct:ssi&gt; &lt;/ct:tsi&gt;</pre>
Source	<code>&lt;xss:element name="tsi" type="ct:typeTSI"/&gt;</code>

### Element ct:typeAddress / ct:subscriber

Namespace	DR-GW-Interface/CommonTypes
Diagram	<pre> classDiagram     class ct:typeSubscriberAddress {         ssi         tsi     }     subscriber --&gt; ct:typeSubscriberAddress     ct:typeSubscriberAddress &lt; -- ssi     ct:typeSubscriberAddress &lt; -- tsi   </pre>
Type	ct:typeSubscriberAddress
Properties	content: complex minOccurs: 0
Model	ct:ssi   ct:tsi
Children	ct:ssi, ct:tsi
Instance	<pre>&lt;ct:subscriber xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:ssi&gt;{1,1}&lt;/ct:ssi&gt;   &lt;ct:tsi&gt;{1,1}&lt;/ct:tsi&gt; &lt;/ct:subscriber&gt;</pre>
Source	<code>&lt;xss:element name="subscriber" type="ct:typeSubscriberAddress" minOccurs="0"/&gt;</code>

### Element ct:typeAddress / ct:alias

Namespace	DR-GW-Interface/CommonTypes
Diagram	<pre> classDiagram     alias --&gt; xs:normalizedString   </pre> <p>Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...</p>
Type	xs:normalizedString
Properties	content: simple minOccurs: 0
Source	<code>&lt;xss:element name="alias" type="xs:normalizedString" minOccurs="0"/&gt;</code>

### Element ct:typeAddress / ct:msisdn

Namespace	DR-GW-Interface/CommonTypes
Diagram	<pre> classDiagram     msisdn --&gt; ct:typeDialString   </pre> <p>Allowed characters are digits 0 - 9, *, #, A, B, C and D. Maximum length is 24 characters.</p>
Type	ct:typeDialString
Properties	content: simple minOccurs: 0

Facets	maxLength	24
Source	<xs:element name="msisdn" type="ct:typeDialString" minOccurs="0" />	

### Element ct:typeAddress / ct:fssn

Namespace	DR-GW-Interface/CommonTypes				
Annotations	Fleet specific short number				
Diagram	<p>The diagram shows a UML class named 'fssn' with a single attribute named 'xs:unsignedLong'. A callout box indicates that 'Fleet specific short number' is the annotation for the element. Another callout box states that 'Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...'.</p>				
Type	xs:unsignedLong				
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<pre>&lt;xs:element name="fssn" type="xs:unsignedLong" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Fleet specific short number&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>				

### Element ct:typeAddress / ct:external

Namespace	DR-GW-Interface/CommonTypes				
Diagram	<p>The diagram shows a UML class named 'external' with two attributes: 'gatewayNumber' and 'number', both marked with a multiplicity of '+'. A callout box states that 'External number consisting of Gateway number + DialString'.</p>				
Type	ct:typeExternal				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				
Model	ct:gatewayNumber , ct:number				
Children	ct:gatewayNumber, ct:number				
Instance	<pre>&lt;ct:external xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:gatewayNumber&gt;{1,1}&lt;/ct:gatewayNumber&gt;   &lt;ct:number&gt;{1,1}&lt;/ct:number&gt; &lt;/ct:external&gt;</pre>				
Source	<pre>&lt;xs:element name="external" type="ct:typeExternal" minOccurs="0" /&gt;</pre>				

### Element ct:typeAddress / ct:opta

Namespace	DR-GW-Interface/CommonTypes				
Diagram	<p>The diagram shows a UML class named 'opta' with a single attribute named 'ct:typeOPTA'. A callout box indicates that 'OPTA string. Maximum length is 24 characters.' is the annotation for the element.</p>				
Type	ct:typeOPTA				
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Facets	maxLength 24				

Source	<code>&lt;xss:element name="opta" type="ct:typeOPTA" minOccurs="0" /&gt;</code>
--------	---

### Element ct:typeAddress / ct:cell

Namespace	DR-GW-Interface/CommonTypes				
Diagram	<p>Built-in derived type. The short datatype is derived from int by setting the value of maxInclusive to be 32767 and...</p>				
Type	xs:short				
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<code>&lt;xss:element name="cell" type="xs:short" minOccurs="0" /&gt;</code>				

### Element ct:typeResponse / ct:requestId

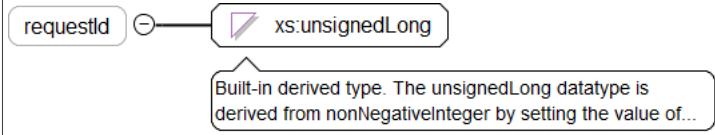
Namespace	DR-GW-Interface/CommonTypes		
Diagram	<p>Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...</p>		
Type	xs:unsignedLong		
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> </table>	content:	simple
content:	simple		
Source	<code>&lt;xss:element name="requestId" type="xs:unsignedLong" /&gt;</code>		

### Element ct:typeResponse / ct:result

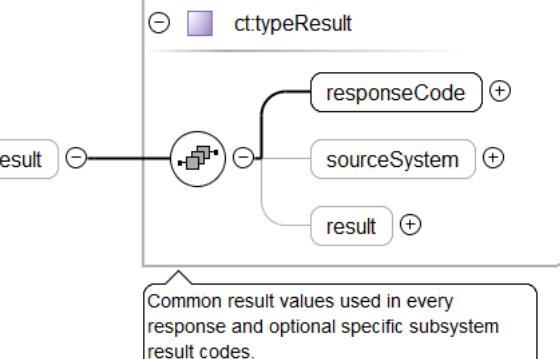
Namespace	DR-GW-Interface/CommonTypes		
Diagram	<p>Common result values used in every response and optional specific subsystem result codes.</p>		
Type	ct:typeResult		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> </table>	content:	complex
content:	complex		
Model	ct:responseCode , ct:sourceSystem{0,1} , ct:result{0,1}		
Children	ct:responseCode, ct:result, ct:sourceSystem		
Instance	<pre>&lt;ct:result xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:responseCode&gt;{1,1}&lt;/ct:responseCode&gt;   &lt;ct:sourceSystem&gt;{0,1}&lt;/ct:sourceSystem&gt;   &lt;ct:result&gt;{0,1}&lt;/ct:result&gt; &lt;/ct:result&gt;</pre>		
Source	<code>&lt;xss:element name="result" type="ct:typeResult" /&gt;</code>		

### Element ct:typeEvent / ct:requestId

Namespace	DR-GW-Interface/CommonTypes
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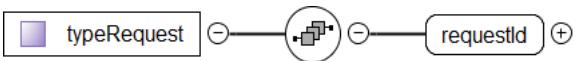
Diagram	
Type	xs:unsignedLong
Properties	content: simple minOccurs: 0
Source	<code>&lt;xss:element name="requestId" type="xs:unsignedLong" minOccurs="0" /&gt;</code>

### Element ct:typeEvent / ct:result

Namespace	DR-GW-Interface/CommonTypes
Diagram	 <p>Common result values used in every response and optional specific subsystem result codes.</p>
Type	ct:typeResult
Properties	content: complex minOccurs: 0
Model	ct:responseCode , ct:sourceSystem{0,1} , ct:result{0,1}
Children	ct:responseCode, ct:result, ct:sourceSystem
Instance	<code>&lt;ct:result xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:responseCode&gt;{1,1}&lt;/ct:responseCode&gt;   &lt;ct:sourceSystem&gt;{0,1}&lt;/ct:sourceSystem&gt;   &lt;ct:result&gt;{0,1}&lt;/ct:result&gt; &lt;/ct:result&gt;</code>
Source	<code>&lt;xss:element name="result" type="ct:typeResult" minOccurs="0" /&gt;</code>

## Complex Type(s)

### Complex Type ct:typeRequest

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Used by	Elements Org_Get, Org_GetList
Model	ct:requestId
Children	ct:requestId
Source	<code>&lt;xss:complexType name="typeRequest"&gt;   &lt;xss:sequence&gt;     &lt;xss:element name="requestId" type="xs:unsignedLong" /&gt;   &lt;/xss:sequence&gt; &lt;/xss:complexType&gt;</code>

### Complex Type ct:typeResult

Namespace	DR-GW-Interface/CommonTypes
Annotations	Common result values used in every response and optional specific subsystem result codes.

Diagram	<p>The diagram shows a sequence of elements: typeResult, responseCode, sourceSystem, and result. typeResult is marked with a minus sign (-) and a plus sign (+). responseCode, sourceSystem, and result are marked with a plus sign (+). A callout box states: "Common result values used in every response and optional specific subsystem result codes."</p>
Used by	Elements ct:typeEvent/ct:result, ct:typeResponse/ct:result
Model	ct:responseCode , ct:sourceSystem{0,1} , ct:result{0,1}
Children	ct:responseCode, ct:result, ct:sourceSystem
Source	<pre>&lt;xs:complexType name="typeResult"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Common result values used in every response and optional specific subsystem result codes.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="responseCode" type="ct:typeResponseCode" /&gt;     &lt;xs:element name="sourceSystem" type="ct:typeSourceSystem" minOccurs="0" /&gt;     &lt;xs:element name="result" type="xs:unsignedLong" minOccurs="0" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

## Complex Type ct:typeTSI

Namespace	DR-GW-Interface/CommonTypes
Annotations	Basic type for TETRA subscriber identity containing Network code(MNC) and Country code(MCC).
Diagram	<p>The diagram shows a sequence of elements: typeTSI, mnc, mcc, and ssi. typeTSI is marked with a minus sign (-) and a plus sign (+). mnc, mcc, and ssi are marked with a plus sign (+). A callout box states: "Basic type for TETRA subscriber identity containing Network code(MNC) and Country code(MCC)."</p>
Used by	Element ct:typeSubscriberAddress/ct:tsi
Model	ct:mnc , ct:mcc , ct:ssi
Children	ct:mcc, ct:mnc, ct:ssi
Source	<pre>&lt;xs:complexType name="typeTSI"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Basic type for TETRA subscriber identity containing Network code(MNC) and Country code(MCC).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="mnc" type="xs:unsignedShort" /&gt;     &lt;xs:element name="mcc" type="xs:unsignedShort" /&gt;     &lt;xs:element name="ssi" type="xs:unsignedLong" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

## Complex Type ct:typeExternal

Namespace	DR-GW-Interface/CommonTypes
Annotations	External number consisting of Gateway number + DialString
Diagram	<p>The diagram shows a sequence of elements: typeExternal, gatewayNumber, and number. typeExternal is marked with a minus sign (-) and a plus sign (+). gatewayNumber and number are marked with a plus sign (+). A callout box states: "External number consisting of Gateway number + DialString."</p>

Used by	Element	ct:typeAddress/ct:external
Model	ct:gatewayNumber , ct:number	
Children	ct:gatewayNumber, ct:number	
Source		<pre>&lt;xss:complexType name="typeExternal"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;External number consisting of Gateway number + DialString&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt;   &lt;xss:sequence&gt;     &lt;xss:element name="gatewayNumber" type="xs:unsignedLong"/&gt;     &lt;xss:element name="number" type="ct:typeDialString"/&gt;   &lt;/xss:sequence&gt; &lt;/xss:complexType&gt;</pre>

## Complex Type ct:typeSubscriberAddress

Namespace	DR-GW-Interface/CommonTypes	
Annotations		
Diagram	<pre> classDiagram     class typeSubscriberAddress {         &lt;&lt;Basic type for all possible TETRA address types (SSI, TSI, MSISDN, FSSN, OPTA).&gt;&gt;     }     class ssi     class tsi     typeSubscriberAddress "0..1" -- "0..1" ssi     typeSubscriberAddress "0..1" -- "0..1" tsi   </pre>	
Used by	Element	
Model	ct:ssi   ct:tsi	
Children	ct:ssi, ct:tsi	
Source		<pre>&lt;xss:complexType name="typeSubscriberAddress"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation/&gt;   &lt;/xss:annotation&gt;   &lt;xss:choice&gt;     &lt;xss:element name="ssi" type="xs:unsignedLong"/&gt;     &lt;xss:element name="tsi" type="ct:typeTSI"/&gt;   &lt;/xss:choice&gt; &lt;/xss:complexType&gt;</pre>

## Complex Type ct:typeAddress

Namespace	DR-GW-Interface/CommonTypes	
Annotations	Basic type for all possible TETRA address types (SSI, TSI, MSISDN, FSSN, OPTA).	
Diagram	<pre> classDiagram     class typeAddress {         &lt;&lt;Basic type for all possible TETRA address types (SSI, TSI, MSISDN, FSSN, OPTA.).&gt;&gt;     }     class subscriber     class alias     class msisdn     class fssn     class external     class opta     class cell     typeAddress "0..1" -- "0..1" BasicType     class BasicType {         subscriber         alias         msisdn         fssn         external         opta         cell     }   </pre>	
Model	ct:subscriber{0,1} , ct:alias{0,1} , ct:msisdn{0,1} , ct:fssn{0,1} , ct:external{0,1} , ct:opta{0,1} , ct:cell{0,1}	
Children	ct:alias, ct:cell, ct:external, ct:fssn, ct:msisdn, ct:opta, ct:subscriber	
Source		<pre>&lt;xss:complexType name="typeAddress"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;Basic type for all possible TETRA address types (SSI, TSI, MSISDN, FSSN, OPTA).&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt; &lt;/xss:complexType&gt;</pre>

```

</xs:annotation>
<xs:sequence>
  <xs:element name="subscriber" type="ct:typeSubscriberAddress" minOccurs="0"/>
  <xs:element name="alias" type="xs:normalizedString" minOccurs="0"/>
  <xs:element name="msisdn" type="ct:typeDialString" minOccurs="0"/>
  <xs:element name="fssn" type="xs:unsignedLong" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Fleet specific short number</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="external" type="ct:typeExternal" minOccurs="0"/>
  <xs:element name="opta" type="ct:typeOPTA" minOccurs="0"/>
  <xs:element name="cell" type="xs:short" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

```

## Complex Type ct:typeResponse

Namespace	DR-GW-Interface/CommonTypes
Annotations	Response contains result of execution of any method.
Diagram	<p>Response contains result of execution of any method.</p>
Model	ct:requestId , ct:result
Children	ct:requestId, ct:result
Source	<pre> &lt;xs:complexType name="typeResponse"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Response contains result of execution of any method.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="requestId" type="xs:unsignedLong" /&gt;     &lt;xs:element name="result" type="ct:typeResult" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

## Complex Type ct:typeEvent

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Model	ct:requestId{0,1} , ct:result{0,1}
Children	ct:requestId, ct:result
Source	<pre> &lt;xs:complexType name="typeEvent"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="requestId" type="xs:unsignedLong" minOccurs="0"/&gt;     &lt;xs:element name="result" type="ct:typeResult" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

## Complex Type ct:typeEmpty

Namespace	DR-GW-Interface/CommonTypes
Annotations	Explicit type specification for elements that shall be empty.
Diagram	<p>Explicit type specification for elements that shall be empty.</p>
Source	<pre> &lt;xs:complexType name="typeEmpty"&gt;   &lt;xs:annotation&gt; </pre>

```
<xs:documentation>Explicit type specification for elements that shall be empty.</xs:documentation>
<xs:annotation>
</xs:annotation>
</xs:complexType>
```

## Simple Type(s)

### Simple Type ct:typeResponseCode

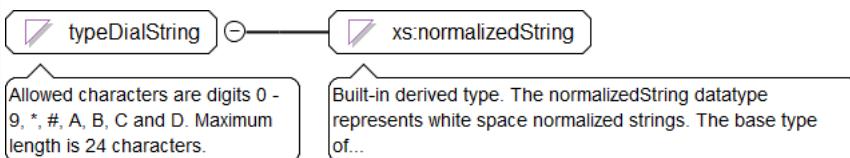
Namespace	DR-GW-Interface/CommonTypes													
Diagram	<p>A UML class diagram showing a relationship between two classes. On the left is a class labeled "typeResponseCode". A line with a hollow circle at the end connects it to another class on the right labeled "xs:normalizedString". A callout box points to the "xs:normalizedString" class with the text: "Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...".</p>													
Type	restriction of xs:normalizedString													
Facets	<table border="0"> <tr> <td>enumeration</td> <td>success</td> </tr> <tr> <td>enumeration</td> <td>final_response_pending</td> </tr> <tr> <td>enumeration</td> <td>error</td> </tr> <tr> <td>enumeration</td> <td>not_authorized_error</td> </tr> <tr> <td>enumeration</td> <td>temporary_failure</td> </tr> <tr> <td>enumeration</td> <td>subscription_failed</td> </tr> </table>		enumeration	success	enumeration	final_response_pending	enumeration	error	enumeration	not_authorized_error	enumeration	temporary_failure	enumeration	subscription_failed
enumeration	success													
enumeration	final_response_pending													
enumeration	error													
enumeration	not_authorized_error													
enumeration	temporary_failure													
enumeration	subscription_failed													
Used by	Element ct:typeResult/ct:responseCode													
Source	<pre>&lt;xs:simpleType name="typeResponseCode"&gt;   &lt;xs:restriction bases="xs:normalizedString"&gt;     &lt;xs:enumeration value="success"/&gt;     &lt;xs:enumeration value="final_response_pending"/&gt;     &lt;xs:enumeration value="error"/&gt;     &lt;xs:enumeration value="not_authorized_error"/&gt;     &lt;xs:enumeration value="temporary_failure"/&gt;     &lt;xs:enumeration value="subscription_failed"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>													

### Simple Type ct:typeSourceSystem

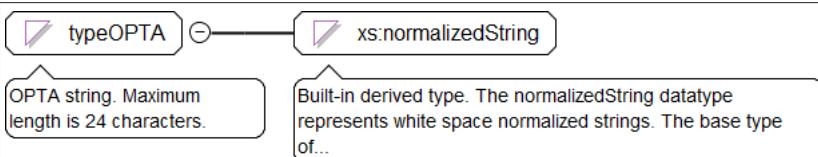
Namespace	DR-GW-Interface/CommonTypes							
Diagram	<p>A UML class diagram showing a relationship between two classes. On the left is a class labeled "typeSourceSystem". A line with a hollow circle at the end connects it to another class on the right labeled "xs:normalizedString". A callout box points to the "xs:normalizedString" class with the text: "Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...".</p>							
Type	restriction of xs:normalizedString							
Facets	<table border="0"> <tr> <td>enumeration</td> <td>DR-GW</td> </tr> <tr> <td>enumeration</td> <td>TCS-API</td> </tr> <tr> <td>enumeration</td> <td>TETRA</td> </tr> </table>		enumeration	DR-GW	enumeration	TCS-API	enumeration	TETRA
enumeration	DR-GW							
enumeration	TCS-API							
enumeration	TETRA							
Used by	Element ct:typeResult/ct:sourceSystem							
Source	<pre>&lt;xs:simpleType name="typeSourceSystem"&gt;   &lt;xs:restriction bases="xs:normalizedString"&gt;     &lt;xs:enumeration value="DR-GW"/&gt;     &lt;xs:enumeration value="TCS-API"/&gt;     &lt;xs:enumeration value="TETRA"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>							

### Simple Type ct:typeDialString

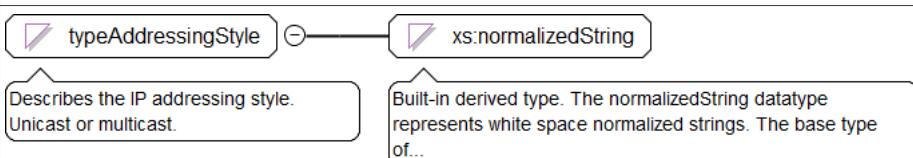
Namespace	DR-GW-Interface/CommonTypes
Annotations	Allowed characters are digits 0 - 9, *, #, A, B, C and D. Maximum length is 24 characters.

Diagram	
Type	restriction of xs:normalizedString
Facets	maxLength 24
Used by	Elements ct:typeAddress/ct:msisdn, ct:typeExternal/ct:number
Source	<pre>&lt;xs:simpleType name="typeDialString"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Allowed characters are digits 0 - 9, *, #, A, B, C and D. Maximum length is 24 characters.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:normalizedString"&gt;     &lt;xs:maxLength value="24"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

### Simple Type ct:typeOPTA

Namespace	DR-GW-Interface/CommonTypes
Annotations	OPTA string. Maximum length is 24 characters.
Diagram	
Type	restriction of xs:normalizedString
Facets	maxLength 24
Used by	Element ct:typeAddress/ct:opta
Source	<pre>&lt;xs:simpleType name="typeOPTA"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;OPTA string. Maximum length is 24 characters.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:normalizedString"&gt;     &lt;xs:maxLength value="24"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

### Simple Type ct:typeAddressingStyle

Namespace	DR-GW-Interface/CommonTypes
Annotations	Describes the IP addressing style. Unicast or multicast.
Diagram	
Type	restriction of xs:normalizedString
Facets	enumeration ucast enumeration mcast
Source	<pre>&lt;xs:simpleType name="typeAddressingStyle"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Describes the IP addressing style. Unicast or multicast.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:normalizedString"&gt;     &lt;xs:enumeration value="ucast"/&gt;     &lt;xs:enumeration value="mcast"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

<code>&lt;/xs:simpleType&gt;</code>
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