

Schema documentation for CommonTypes.xsd

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Namespace: "DR-GW-Interface/CommonTypes"

Schema(s)

Main schema CommonTypes.xsd

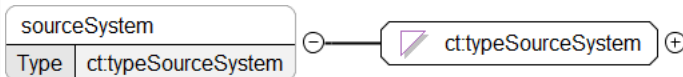
Namespace	DR-GW-Interface/CommonTypes	
Annotations	Version 1.1.1	
Properties	attribute form default:	unqualified
	element form default:	qualified

Element(s)

Element `ct:typeResult` / `ct:responseCode`

Namespace	DR-GW-Interface/CommonTypes		
Diagram	<div><div><div>responseCode</div><div>Typect.typeResponseCode</div></div><div><div>⊖</div><div><div><div></div></div>ct.typeResponseCode</div><div>⊕</div></div></div>		
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	<xs:element name="responseCode" type="ct:typeResponseCode"/>		

Element `ct:typeResult` / `ct:sourceSystem`

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

Element `ct:typeResult` / `ct:result`

Namespace	DR-GW-Interface/CommonTypes						
Diagram	<div><div><div>result</div><div>Typexs:unsignedLong</div></div><div><div>⊖</div><div><div><div></div></div>xs:unsignedLong</div><div><div>Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...</div></div></div></div>						
Type	xs:unsignedLong						
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	<xs:element name="result" type="xs:unsignedLong" minOccurs="0" />						

Element `ct:typeTSI` / `ct:mnc`

Namespace	DR-GW-Interface/CommonTypes		
Diagram			

Type	xs:unsignedShort
Properties	content: simple
Source	<code><xs:element name="mnc" type="xs:unsignedShort" /></code>

Element `ct:typeTSI` / `ct:mcc`

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedShort
Properties	content: simple
Source	<code><xs:element name="mcc" type="xs:unsignedShort" /></code>

Element `ct:typeTSI` / `ct:ssi`

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: simple
Source	<code><xs:element name="ssi" type="xs:unsignedLong" /></code>

Element `ct:typeExternal` / `ct:gatewayNumber`

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: simple
Source	<code><xs:element name="gatewayNumber" type="xs:unsignedLong" /></code>

Element `ct:typeExternal` / `ct:number`

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeDialString
Properties	content: simple
Facets	maxLength 24

Source	<code><xs:element name="number" type="ct:typeDialString"/></code>
--------	---

Element `ct:typeSubscriberAddress` / `ct:ssi`

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: simple
Source	<code><xs:element name="ssi" type="xs:unsignedLong"/></code>

Element `ct:typeSubscriberAddress` / `ct:tsi`

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

Element `ct:typeAddress` / `ct:subscriber`

Namespace	DR-GW-Interface/CommonTypes
Diagram	

Type	ct:typeSubscriberAddress
Properties	content: complex
	minOccurs: 0
Model	ct:ssi ct:tsi
Children	ct:ssi, ct:tsi
Instance	<pre><ct:subscriber xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:ssi>{1,1}</ct:ssi> <ct:tsi>{1,1}</ct:tsi> </ct:subscriber></pre>
Source	<pre><xs:element name="subscriber" type="ct:typeSubscriberAddress" minOccurs="0"/></pre>

Element ct:typeAddress / ct:alias

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:normalizedString
Properties	content: simple
	minOccurs: 0
Source	<pre><xs:element name="alias" type="xs:normalizedString" minOccurs="0"/></pre>

Element ct:typeAddress / ct:msisdn

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeDialString
Properties	content: simple
	minOccurs: 0
Facets	maxLength 24
Source	<pre><xs:element name="msisdn" type="ct:typeDialString" minOccurs="0"/></pre>

Element ct:typeAddress / ct:fssn

Namespace	DR-GW-Interface/CommonTypes
Annotations	Fleet specific short number
Diagram	
Type	xs:unsignedLong
Properties	content: simple
	minOccurs: 0
Source	<pre><xs:element name="fssn" type="xs:unsignedLong" minOccurs="0"> <xs:annotation> <xs:documentation>Fleet specific short number</xs:documentation></pre>

```
</xs:annotation>
</xs:element>
```

Element `ct:typeAddress` / `ct:external`

Namespace	DR-GW-Interface/CommonTypes				
Diagram					
Type	ct:typeExternal				
Properties	<table> <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><ct:external xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:gatewayNumber>{1,1}</ct:gatewayNumber> <ct:number>{1,1}</ct:number> </ct:external></pre>				
Source	<pre><xs:element name="external" type="ct:typeExternal" minOccurs="0"/></pre>				

Element `ct:typeAddress` / `ct:opta`

Namespace	DR-GW-Interface/CommonTypes				
Diagram					
Type	ct:typeOPTA				
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				
Facets	<table> <tr> <td>maxLength</td><td>24</td></tr> </table>	maxLength	24		
maxLength	24				
Source	<pre><xs:element name="opta" type="ct:typeOPTA" minOccurs="0"/></pre>				

Element `ct:typeAddress` / `ct:cell`

Namespace	DR-GW-Interface/CommonTypes				
Diagram					
Type	xs:short				
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><xs:element name="cell" type="xs:short" minOccurs="0"/></pre>				

Element `ct:typeRequest` / `ct:requestId`

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: simple
Source	<code><xs:element name="requestId" type="xs:unsignedLong" /></code>

Element `ct:typeResponse` / `ct:requestId`

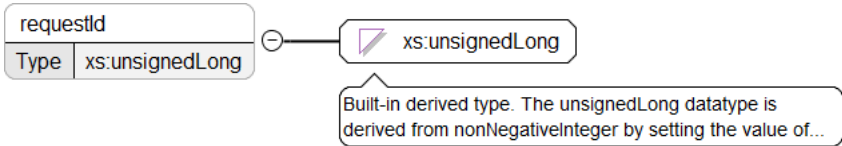
Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: simple
Source	<code><xs:element name="requestId" type="xs:unsignedLong" /></code>

Element `ct:typeResponse` / `ct:result`

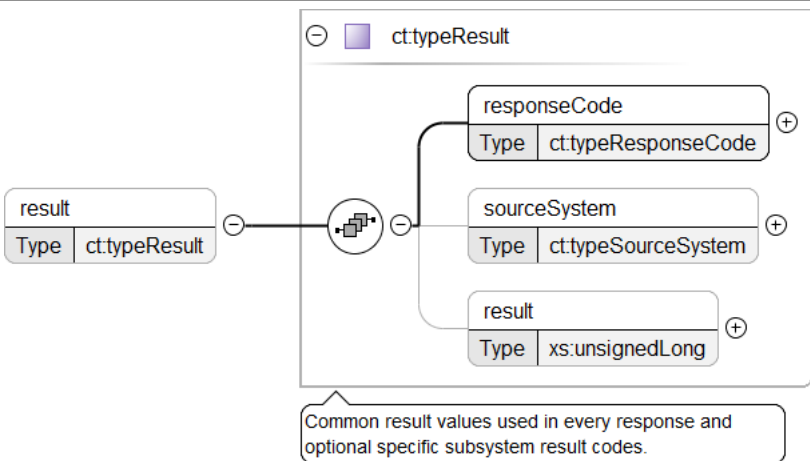
Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeResult
Properties	content: complex
Model	ct:responseCode , ct:sourceSystem{0,1} , ct:result{0,1}
Children	ct:responseCode, ct:result, ct:sourceSystem
Instance	<pre><ct:result xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:responseCode>{1,1}</ct:responseCode> <ct:sourceSystem>{0,1}</ct:sourceSystem> <ct:result>{0,1}</ct:result> </ct:result></pre>
Source	<code><xs:element name="result" type="ct:typeResult" /></code>

Element `ct:typeEvent` / `ct:requestId`

Namespace	DR-GW-Interface/CommonTypes
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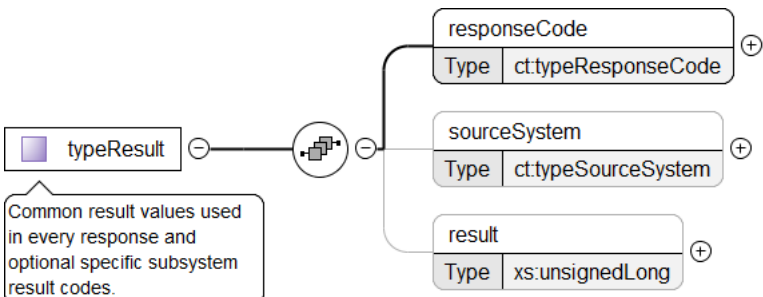
Diagram	 <p>The diagram shows an element named <code>requestId</code> with a type of <code>xs:unsignedLong</code>. A callout box explains: "Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of..."</p>				
Type	<code>xs:unsignedLong</code>				
Properties	<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><xs:element name="requestId" type="xs:unsignedLong" minOccurs="0" /></code>				

Element `ct:typeEvent` / `ct:result`

Namespace	DR-GW-Interface/CommonTypes				
Diagram	 <p>The diagram shows a complex type <code>ct:typeResult</code> containing three optional elements: <code>responseCode</code> (type <code>ct:typeResponseCode</code>), <code>sourceSystem</code> (type <code>ct:typeSourceSystem</code>), and <code>result</code> (type <code>xs:unsignedLong</code>). A callout box states: "Common result values used in every response and optional specific subsystem result codes."</p>				
Type	<code>ct:typeResult</code>				
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	<code>ct:responseCode</code> , <code>ct:sourceSystem</code> {0,1} , <code>ct:result</code> {0,1}				
Children	<code>ct:responseCode</code> , <code>ct:result</code> , <code>ct:sourceSystem</code>				
Instance	<pre><ct:result xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:responseCode>{1,1}</ct:responseCode> <ct:sourceSystem>{0,1}</ct:sourceSystem> <ct:result>{0,1}</ct:result> </ct:result></pre>				
Source	<code><xs:element name="result" type="ct:typeResult" minOccurs="0" /></code>				

Complex Type(s)

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 complex type <code>ct:typeResult</code> containing three optional elements: <code>responseCode</code> (type <code>ct:typeResponseCode</code>), <code>sourceSystem</code> (type <code>ct:typeSourceSystem</code>), and <code>result</code> (type <code>xs:unsignedLong</code>). 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> <xs:complexType name="typeResult"> <xs:annotation> <xs:documentation>Common result values used in every response and optional specific subsystem result codes.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="responseCode" type="ct:typeResponseCode"/> <xs:element name="sourceSystem" type="ct:typeSourceSystem" minOccurs="0"/> <xs:element name="result" type="xs:unsignedLong" minOccurs="0"/> </xs:sequence> </xs:complexType> </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>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> <xs:complexType name="typeTSI"> <xs:annotation> <xs:documentation>Basic type for TETRA subscriber identity containing Network code(MNC) and Country code(MCC).</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="mnc" type="xs:unsignedShort"/> <xs:element name="mcc" type="xs:unsignedShort"/> <xs:element name="ssi" type="xs:unsignedLong"/> </xs:sequence> </xs:complexType> </pre>

Complex Type ct:typeExternal

Namespace	DR-GW-Interface/CommonTypes
Annotations	External number consisting of Gateway number + DialString
Diagram	<p>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> <xs:complexType name="typeExternal"> <xs:annotation> <xs:documentation>External number consisting of Gateway number + DialString</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="gatewayNumber" type="xs:unsignedLong"/> <xs:element name="number" type="ct:typeDialString"/> </xs:sequence> </xs:complexType> </pre>

```

</xs:annotation>
<xs:sequence>
  <xs:element name="gatewayNumber" type="xs:unsignedLong" />
  <xs:element name="number" type="ct:typeDialString" />
</xs:sequence>
</xs:complexType>

```

Complex Type ct:typeSubscriberAddress

Namespace	DR-GW-Interface/CommonTypes
Annotations	
Diagram	
Used by	Element ct:typeAddress/ct:subscriber
Model	ct:ssi ct:tsi
Children	ct:ssi, ct:tsi
Source	<pre> <xs:complexType name="typeSubscriberAddress"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:choice> <xs:element name="ssi" type="xs:unsignedLong" /> <xs:element name="tsi" type="ct:typeTSI" /> </xs:choice> </xs:complexType> </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	
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> <xs:complexType name="typeAddress"> <xs:annotation> <xs:documentation>Basic type for all possible TETRA address types (SSI, TSI, MSISDN, FSSN, OPTA).</xs:documentation> </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> </pre>
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Complex Type ct:typeRequest

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Model	ct:requestId
Children	ct:requestId
Source	<pre> <xs:complexType name="typeRequest"> <xs:sequence> <xs:element name="requestId" type="xs:unsignedLong" /> </xs:sequence> </xs:complexType> </pre>

Complex Type ct:typeResponse

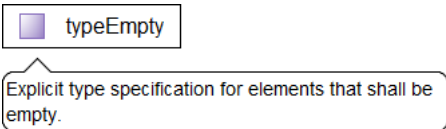
Namespace	DR-GW-Interface/CommonTypes
Annotations	Response contains result of execution of any method.
Diagram	
Model	ct:requestId, ct:result
Children	ct:requestId, ct:result
Source	<pre> <xs:complexType name="typeResponse"> <xs:annotation> <xs:documentation>Response contains result of execution of any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

Complex Type ct:typeEvent

Namespace	DR-GW-Interface/CommonTypes
Diagram	

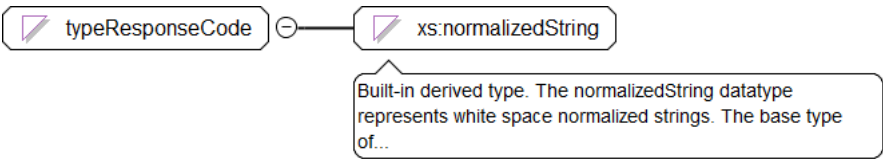
Model	ct:requestId{0,1} , ct:result{0,1}
Children	ct:requestId, ct:result
Source	<pre> <xs:complexType name="typeEvent"> <xs:sequence> <xs:element name="requestId" type="xs:unsignedLong" minOccurs="0"/> <xs:element name="result" type="ct:typeResult" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

Complex Type ct:typeEmpty

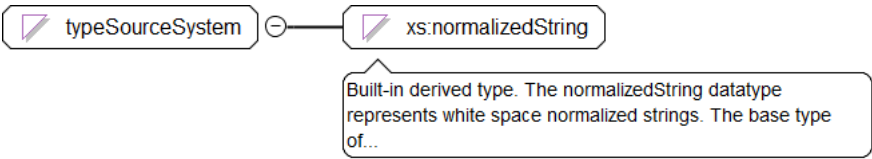
Namespace	DR-GW-Interface/CommonTypes
Annotations	Explicit type specification for elements that shall be empty.
Diagram	
Source	<pre> <xs:complexType name="typeEmpty"> <xs:annotation> <xs:documentation>Explicit type specification for elements that shall be empty.</ </xs:annotation> </xs:complexType>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

Simple Type(s)

Simple Type ct:typeResponseCode

Namespace	DR-GW-Interface/CommonTypes												
Diagram													
Type	restriction of xs:normalizedString												
Facets	<table border="1"> <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> <xs:simpleType name="typeResponseCode"> <xs:restriction base="xs:normalizedString"> <xs:enumeration value="success"/> <xs:enumeration value="final_response_pending"/> <xs:enumeration value="error"/> <xs:enumeration value="not_authorized_error"/> <xs:enumeration value="temporary_failure"/> <xs:enumeration value="subscription_failed"/> </xs:restriction> </xs:simpleType> </pre>												

Simple Type ct:typeSourceSystem

Namespace	DR-GW-Interface/CommonTypes
Diagram	

Type	restriction of xs:normalizedString	
Facets	enumeration	DR-GW
	enumeration	TCS-API
	enumeration	TETRA
Used by	Element	ct:typeResult/ct:sourceSystem
Source	<pre> <xs:simpleType name="typeSourceSystem"> <xs:restriction base="xs:normalizedString"> <xs:enumeration value="DR-GW"/> <xs:enumeration value="TCS-API"/> <xs:enumeration value="TETRA"/> </xs:restriction> </xs:simpleType> </pre>	

Simple Type ct:typeDialString

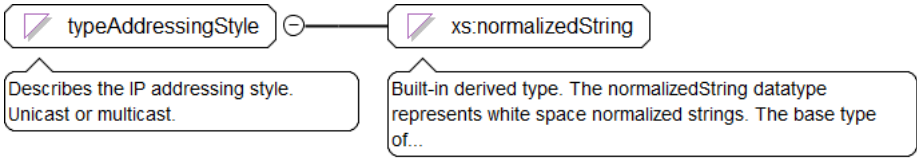
Namespace	DR-GW-Interface/CommonTypes	
Annotations	Allowed characters are digits 0 - 9, *, #, A, B, C and D. Maximum length is 24 characters.	
Diagram		
Type	restriction of xs:normalizedString	
Facets	maxLength	24
Used by	Elements	ct:typeAddress/ct:msisdn, ct:typeExternal/ct:number
Source	<pre> <xs:simpleType name="typeDialString"> <xs:annotation> <xs:documentation>Allowed characters are digits 0 - 9, *, #, A, B, C and D. Maximum length is 24 characters.</xs:documentation> </xs:annotation> <xs:restriction base="xs:normalizedString"> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </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> <xs:simpleType name="typeOPTA"> <xs:annotation> <xs:documentation>OPTA string. Maximum length is 24 characters.</xs:documentation> </xs:annotation> <xs:restriction base="xs:normalizedString"> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </pre>	

Simple Type ct:typeAddressingStyle

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