

<type>

This element describes a "type". It is a container for one or more [<element>](#) elements.

parents	<types>
children	<element> [1:]

Attributes

Attribute	Data Type	Usage	Default Value	Description
name	xsd:NCName	required	none	The type name. Must be unique within <types>.
size	xsd:positiveInteger	required	none	The size of the type in bytes.
ddlObject	xsd:token	optional	none	Reserved for use by the Service Definition Wizard. Do not modify the contents of this attribute.
stringPadding	xsd:token	optional	zeros	Controls the way <element type="string" ...> are treated. Sets the default for <element> members of this <type> used by this server. Valid values are "zeros" and "spaces". See Remarks for the <element> element for more information.
encoding	xsd:NCName	optional		Indicates the default character encoding that should be used when serializing/deserializing child elements to/from the SOAP envelope. If omitted, the default encoding is the server's default encoding which is typically ISO-8859-1. This value may be altered by Server startup options. A list of available encoding names can be found in Character Encoding Names.
defaultAccess	xsd:NCName	optional	public	Indicates the default value of the access attribute of all child elements of this type. Valid values are "public" or "private".

Example

```
<types>
  <type name="MyRequestMessage" size="14">
    <element name="RequestCode" type="short" offset="0" size="2"/>
    <element name="MyDataItem" type="string" offset="2" size="12"/>
  </type>
  <type name="MyReplyMessage" size="10">
    <element name="ReplyCode" type="short" offset="0" size="2"/>
    <element name="MyDataItem" type="double" offset="2" size="8"/>
  </type>
</types>
```