

XML

XML XML XSD XML XML Schema .

XML :

```
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
```

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```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:element name="contact">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="name" type="xs:string" />
      <xs:element name="company" type="xs:string" />
      <xs:element name="phone" type="xs:int" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:schema>
```

XML XML .

XML - XML XSD :

```
<xs:element name="x" type="y" />
```

XML :

- XS XS XS XS :

```
<xs:element name="phone_number" type="xs:int" />
```

- XML :

```

<xs:element name="Address">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="name" type="xs:string" />
      <xs:element name="company" type="xs:string" />
      <xs:element name="phone" type="xs:int" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

LT; XS GT; XML .

- :

```

<xs:element name="AddressType">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="name" type="xs:string" />
      <xs:element name="company" type="xs:string" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

:

```

<xs:element name="Address1">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="address" type="AddressType" />
      <xs:element name="phone1" type="xs:int" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Address2">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="address" type="AddressType" />
      <xs:element name="phone2" type="xs:int" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

1 2 “ ” .

XSD :

```

<xs:attribute name="x" type="y" />

```