

# XML Schema Documentation

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## Schema Document Properties

<b>Target Namespace</b>	None
<b>Element and Attribute Namespaces</b>	<ul style="list-style-type: none"><li>• Global element and attribute declarations belong to this schema's target namespace.</li><li>• By default, local element declarations have no namespace.</li><li>• By default, local attribute declarations have no namespace.</li></ul>

## Declared Namespaces

Prefix	Namespace
xml	<a href="http://www.w3.org/XML/1998/namespace">http://www.w3.org/XML/1998/namespace</a>
xsd	<a href="http://www.w3.org/2001/XMLSchema">http://www.w3.org/2001/XMLSchema</a>

## Schema Component Representation

```
<xsd:schema>
  ...
</xsd:schema>
```

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## Global Declarations

Element: **Guide3D-Destinations**

<b>Name</b>	Guide3D-Destinations
<b>Type</b>	Locally-defined complex type
<b><u>Nilable</u></b>	no
<b><u>Abstract</u></b>	no

## XML Instance Representation

```
<Guide3D-Destinations
  version="0.1 [1]">
  <metadata> [1] ?
    <identification> xsd:integer (100000 <= value < 200000) </identification> [1] ?
    <name> xsd:string (length >= 0) </name> [1] ?
    <description> xsd:string (length >= 0) </description> [1] ?
    <creation> [1] ?
      <on> xsd:dateTime </on> [1] ?
      <by> xsd:string (length >= 2) </by> [1] ?
    </creation>
    <modification> [1] ?
      <on> xsd:dateTime </on> [1] ?
      <by> xsd:string (length >= 2) </by> [1] ?
    </modification>
    <comment> xsd:string (length >= 0) </comment> [1] ?
  </metadata>
  <destinations
    language=" xsd:language [1]"> [1]
    <destination
      id=" xsd:ID [1]"
      display=" xsd:boolean [0..1]"> [0..*]
      <points> [1]
        <point> xsd:string (pattern = L[0-9]{2}P[0-9]{4}) </point> [1..*]
      </points>
      <name> xsd:string </name> [1]
      <description> xsd:string </description> [0..1]
      <keywords> [0..1]
        <keyword> xsd:string </keyword> [0..*]
      </keywords>
      <locations> [0..1]
        <location> xsd:string </location> [0..*]
```

```

    </locations>
    <icon> xsd:anyURI </icon> [0..1]
    <url> xsd:anyURI </url> [0..1]
    <sets> [1]
      <set> xsd:string (pattern = [\i-[:]][\c-[:]]*) </set> [0..*]
    </sets>
  </destination>
</destinations>
</Guide3D-Destinations>

```

## Schema Component Representation

```

<xsd:element name="Guide3D-Destinations">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="metadata" minOccurs="1" maxOccurs="1">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element name="identification" minOccurs="1" maxOccurs="1">
              <xsd:simpleType>
                <xsd:restriction base=" xsd:integer ">
                  <xsd:minInclusive value="100000"/>
                  <xsd:maxExclusive value="200000"/>
                </xsd:restriction>
              </xsd:simpleType>
            </xsd:element>
            <xsd:element name="name" minOccurs="1" maxOccurs="1">
              <xsd:simpleType>
                <xsd:restriction base=" xsd:string ">
                  <xsd:maxLength value="256"/>
                  <xsd:minLength value="0"/>
                </xsd:restriction>
              </xsd:simpleType>
            </xsd:element>
            <xsd:element name="description" minOccurs="1" maxOccurs="1">
              <xsd:simpleType>
                <xsd:restriction base=" xsd:string ">
                  <xsd:minLength value="0"/>
                  <xsd:maxLength value="1024"/>
                </xsd:restriction>
              </xsd:simpleType>
            </xsd:element>
            <xsd:element name="creation" minOccurs="1" maxOccurs="1">

```

```
<xsd:complexType>
  <xsd:sequence>
    <xsd:element name="on" type="xsd:dateTime" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="by" minOccurs="1" maxOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:minLength value="2"/>
          <xsd:maxLength value="64"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="modification" minOccurs="1" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="on" type="xsd:dateTime" minOccurs="1" maxOccurs="1"/>
      <xsd:element name="by" minOccurs="1" maxOccurs="1">
        <xsd:simpleType>
          <xsd:restriction base="xsd:string">
            <xsd:minLength value="2"/>
            <xsd:maxLength value="64"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="comment" minOccurs="1" maxOccurs="1">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"/>
      <xsd:maxLength value="4096"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="destinations" minOccurs="1" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
```

```
<xsd:element name="destination" minOccurs="0" maxOccurs="unbounded">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="points" minOccurs="1" maxOccurs="1">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element name="point" minOccurs="1" maxOccurs="unbounded">
              <xsd:simpleType>
                <xsd:restriction base="xsd:string">
                  <xsd:pattern value="L[0-9]{2}P[0-9]{4}" />
                </xsd:restriction>
              </xsd:simpleType>
            </xsd:element>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="name" type="xsd:string" minOccurs="1" maxOccurs="1"/>
      <xsd:element name="description" type="xsd:string" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="keywords" minOccurs="0" maxOccurs="1">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element name="keyword" type="xsd:string" minOccurs="0"
              maxOccurs="unbounded"/>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="locations" minOccurs="0" maxOccurs="1">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element name="location" type="xsd:string" minOccurs="0"
              maxOccurs="unbounded"/>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="icon" type="xsd:anyURI" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="url" type="xsd:anyURI" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="sets" minOccurs="1" maxOccurs="1">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element name="set" minOccurs="0" maxOccurs="unbounded">
              <xsd:simpleType>
                <xsd:restriction base="xsd:string">
                  <xsd:pattern value="[\i-[:]][\c-[:]]*" />
                </xsd:restriction>
              </xsd:simpleType>
            </xsd:element>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

```
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:sequence>
<xsd:attribute name="id" type=" xsd:ID " use="required"/>
<xsd:attribute name="display" type=" xsd:boolean "/>
</xsd:complexType>
</xsd:element>
</xsd:sequence>
<xsd:attribute name="language" use="required">
  <xsd:simpleType>
    <xsd:restriction base=" xsd:language "/>
  </xsd:simpleType>
</xsd:attribute>
</xsd:complexType>
</xsd:element>
</xsd:sequence>
<xsd:attribute name="version" type=" xsd:decimal " fixed="0.1" use="required"/>
</xsd:complexType>
</xsd:element>
```

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