

XML grammar code snippets:

External DTD grammar:

```
<!ELEMENT data (entry*)>
<!ELEMENT entry (url, title, question, answer)>
<!ELEMENT url (#PCDATA)>
<!ELEMENT title (#PCDATA)>
<!ELEMENT question (#PCDATA)>
<!ELEMENT answer (#PCDATA)>
```

External dtd defined in the xml file:

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<!DOCTYPE data SYSTEM "ext_islamqa_10thousand_500.dtd">
```

Internal DTD:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE data [
  <!ELEMENT data (entry*)>
  <!ELEMENT entry (url, title, question, answer)>
  <!ELEMENT url (#PCDATA)>
  <!ELEMENT title (#PCDATA)>
  <!ELEMENT question (#PCDATA)>
  <!ELEMENT answer (#PCDATA)>
]>
<entry>
  <url>https://islamqa.info/en/answers/1</url>
  <title>Interruption of Wudhu</title>
  <question>If during wudhu (ablution), one finds dirt stuck on his
  fingers, does working on removing the dirt by scrubbing it off disrupt the
  continuity of the wudhu and require repeating it?</question>
  <answer>Praise be to Allah. Continuity would not be disrupted by such
  an action (according to the most viable opinion) even if his body had
  dried, because he was delayed due to an action required for his purity. The
  same is true if he were to move from one faucet to another in search of
  water. However, if continuity were disrupted due to an action not related to
  this, like removing impurity from his clothes, eating or drinking and the
  like, and the limbs became dry, then he needs to repeat the wudhu. From
  the book What Should You Do in the Following Situations .. ? Fatawa ibn
  Uthaimeen, 4/145-146 (Dar al-Qutni) And Allah knows best. <answer>
  <entry>
  ....
```

<data>

Xml schema grammar:

<?xml version="1.0" encoding="UTF-8"?>

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

<xs:element name="data">

<xs:complexType>

<xs:sequence>

<xs:element name="entry" maxOccurs="unbounded">

<xs:complexType>

<xs:sequence>

<xs:element name="url" type="xs:anyURI"/>

<xs:element name="title" type="xs:string"/>

<xs:element name="question" type="xs:string"/>

<xs:element name="answer" type="xs:string"/>

</xs:sequence>

</xs:complexType>

</xs:element>

</xs:sequence>

</xs:complexType>

</xs:element>

</xs:schema>

Schema defined in the xml file:

<?xml version="1.0" encoding="UTF-8"?>

<data xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="schema.xsd">