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<?xml version="1.0" encoding="UTF-8" ?>
- <schema targetNamespace="urn:ietf:params:xml:ns:epp-1.0"
  xmlns:epp="urn:ietf:params:xml:ns:epp-1.0"
  xmlns:eppcom="urn:ietf:params:xml:ns:eppcom-1.0"
  xmlns="http://www.w3.org/2001/XMLSchema"
  elementFormDefault="qualified">
- <!--
  Import common element types.

-->
  <import namespace="urn:ietf:params:xml:ns:eppcom-1.0" />
- <annotation>
  <documentation>Extensible Provisioning Protocol v1.0
  schema.</documentation>
</annotation>
- <!--
  Every EPP XML instance must begin with this element.

-->
  <element name="epp" type="epp:eppType" />
- <!--
  An EPP XML instance must contain a greeting, hello, command,
  response, or extension.

-->
- <complexType name="eppType">
- <choice>
  <element name="greeting" type="epp:greetingType" />
  <element name="hello" />
  <element name="command" type="epp:commandType" />
  <element name="response" type="epp:responseType" />
  <element name="extension" type="epp:extAnyType" />
</choice>
</complexType>
- <!--
  A greeting is sent by a server in response to a client connection
  or <hello>.

-->
- <complexType name="greetingType">
- <sequence>
  <element name="svID" type="epp:sIDType" />
  <element name="svDate" type="dateTime" />
  <element name="svcMenu" type="epp:svcMenuType" />
  <element name="dcp" type="epp:dcpType" />
</sequence>
</complexType>
- <!--
  Server IDs are strings with minimum and maximum length
  restrictions.

-->
- <simpleType name="sIDType">
- <restriction base="normalizedString">
  <minLength value="3" />
  <maxLength value="64" />
</restriction>
</simpleType>

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- <!--
  A server greeting identifies available object services.

-->
- <complexType name="svcMenuType">
- <sequence>
  <element name="version" type="epp:versionType"
    maxOccurs="unbounded" />
  <element name="lang" type="language" maxOccurs="unbounded" />
  <element name="objURI" type="anyURI" maxOccurs="unbounded" />
  <element name="svcExtension" type="epp:extURIType"
    minOccurs="0" />
</sequence>
</complexType>
- <!--
  Data Collection Policy types.

-->
- <complexType name="dcpType">
- <sequence>
  <element name="access" type="epp:dcpAccessType" />
  <element name="statement" type="epp:dcpStatementType"
    maxOccurs="unbounded" />
  <element name="expiry" type="epp:dcpExpiryType" minOccurs="0" />
</sequence>
</complexType>
- <complexType name="dcpAccessType">
- <choice>
  <element name="all" />
  <element name="none" />
  <element name="null" />
  <element name="other" />
  <element name="personal" />
  <element name="personalAndOther" />
</choice>
</complexType>
- <complexType name="dcpStatementType">
- <sequence>
  <element name="purpose" type="epp:dcpPurposeType" />
  <element name="recipient" type="epp:dcpRecipientType" />
  <element name="retention" type="epp:dcpRetentionType" />
</sequence>
</complexType>
- <complexType name="dcpPurposeType">
- <sequence>
  <element name="admin" minOccurs="0" />
  <element name="contact" minOccurs="0" />
  <element name="other" minOccurs="0" />
  <element name="prov" minOccurs="0" />
</sequence>
</complexType>
- <complexType name="dcpRecipientType">
- <sequence>
  <element name="other" minOccurs="0" />
  <element name="ours" type="epp:dcpOursType" minOccurs="0"
    maxOccurs="unbounded" />
  <element name="public" minOccurs="0" />

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        <element name="same" minOccurs="0" />
        <element name="unrelated" minOccurs="0" />
    </sequence>
</complexType>
- <complexType name="dcpOursType">
- <sequence>
    <element name="recDesc" type="epp:dcpRecDescType"
        minOccurs="0" />
</sequence>
</complexType>
- <simpleType name="dcpRecDescType">
- <restriction base="token">
    <minLength value="1" />
    <maxLength value="255" />
</restriction>
</simpleType>
- <complexType name="dcpRetentionType">
- <choice>
    <element name="business" />
    <element name="indefinite" />
    <element name="legal" />
    <element name="none" />
    <element name="stated" />
</choice>
</complexType>
- <complexType name="dcpExpiryType">
- <choice>
    <element name="absolute" type="dateTime" />
    <element name="relative" type="duration" />
</choice>
</complexType>
- <!--
    Extension framework types.

-->
- <complexType name="extAnyType">
- <sequence>
    <any namespace="##other" maxOccurs="unbounded" />
</sequence>
</complexType>
- <complexType name="extURIType">
- <sequence>
    <element name="extURI" type="anyURI" maxOccurs="unbounded" />
</sequence>
</complexType>
- <!--
    An EPP version number is a dotted pair of decimal numbers.

-->
- <simpleType name="versionType">
- <restriction base="token">
    <pattern value="[1-9]+\.[0-9]+" />
    <enumeration value="1.0" />
</restriction>
</simpleType>
- <!--
    Command types.

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-->
- <complexType name="commandType">
- <sequence>
- <choice>
  <element name="check" type="epp:readWriteType" />
  <element name="create" type="epp:readWriteType" />
  <element name="delete" type="epp:readWriteType" />
  <element name="info" type="epp:readWriteType" />
  <element name="login" type="epp:loginType" />
  <element name="logout" />
  <element name="poll" type="epp:pollType" />
  <element name="renew" type="epp:readWriteType" />
  <element name="transfer" type="epp:transferType" />
  <element name="update" type="epp:readWriteType" />
</choice>
  <element name="extension" type="epp:extAnyType" minOccurs="0" />
  <element name="clTRID" type="epp:trIDStringType" minOccurs="0" />
</sequence>
</complexType>
- <!--
  The <login> command.

-->
- <complexType name="loginType">
- <sequence>
  <element name="clID" type="eppcom:clIDType" />
  <element name="pw" type="epp:pwType" />
  <element name="newPW" type="epp:pwType" minOccurs="0" />
  <element name="options" type="epp:credsOptionsType" />
  <element name="svcs" type="epp:loginSvcType" />
</sequence>
</complexType>
- <complexType name="credsOptionsType">
- <sequence>
  <element name="version" type="epp:versionType" />
  <element name="lang" type="language" />
</sequence>
</complexType>
- <simpleType name="pwType">
- <restriction base="token">
  <minLength value="6" />
  <maxLength value="16" />
</restriction>
</simpleType>
- <complexType name="loginSvcType">
- <sequence>
  <element name="objURI" type="anyURI" maxOccurs="unbounded" />
  <element name="svcExtension" type="epp:extURIType"
    minOccurs="0" />
</sequence>
</complexType>
- <!--
  The <poll> command.

-->
- <complexType name="pollType">

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    <attribute name="op" type="epp:pollOpType" use="required" />
    <attribute name="msgID" type="token" />
  </complexType>
- <simpleType name="pollOpType">
- <restriction base="token">
    <enumeration value="ack" />
    <enumeration value="req" />
  </restriction>
</simpleType>
- <!--
    The <transfer> command. This is object-specific, and uses
    attributes
    to identify the requested operation.

-->
- <complexType name="transferType">
- <sequence>
    <any namespace="##other" />
  </sequence>
  <attribute name="op" type="epp:transferOpType" use="required" />
</complexType>
- <simpleType name="transferOpType">
- <restriction base="token">
    <enumeration value="approve" />
    <enumeration value="cancel" />
    <enumeration value="query" />
    <enumeration value="reject" />
    <enumeration value="request" />
  </restriction>
</simpleType>
- <!--
    All other object-centric commands. EPP doesn't specify the syntax
    or
    semantics of object-centric command elements. The elements MUST be
    described in detail in another schema specific to the object.

-->
- <complexType name="readWriteType">
- <sequence>
    <any namespace="##other" />
  </sequence>
</complexType>
- <complexType name="trIDType">
- <sequence>
    <element name="clTRID" type="epp:trIDStringType" minOccurs="0" />
    <element name="svTRID" type="epp:trIDStringType" />
  </sequence>
</complexType>
- <simpleType name="trIDStringType">
- <restriction base="token">
    <minLength value="3" />
    <maxLength value="64" />
  </restriction>
</simpleType>
- <!--
    Response types.

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- <complexType name="responseType">
- <sequence>
  <element name="result" type="epp:resultType"
    maxOccurs="unbounded" />
  <element name="msgQ" type="epp:msgQType" minOccurs="0" />
  <element name="resData" type="epp:extAnyType" minOccurs="0" />
  <element name="extension" type="epp:extAnyType" minOccurs="0" />
  <element name="trID" type="epp:trIDType" />
</sequence>
</complexType>
- <complexType name="resultType">
- <sequence>
  <element name="msg" type="epp:msgType" />
  - <choice minOccurs="0" maxOccurs="unbounded">
    <element name="value" type="epp:errValueType" />
    <element name="extValue" type="epp:extErrValueType" />
  </choice>
</sequence>
  <attribute name="code" type="epp:resultCodeType" use="required" />
</complexType>
- <complexType name="errValueType" mixed="true">
- <sequence>
  <any namespace="##any" processContents="skip" />
</sequence>
  <anyAttribute namespace="##any" processContents="skip" />
</complexType>
- <complexType name="extErrValueType">
- <sequence>
  <element name="value" type="epp:errValueType" />
  <element name="reason" type="epp:msgType" />
</sequence>
</complexType>
- <complexType name="msgQType">
- <sequence>
  <element name="qDate" type="dateTime" minOccurs="0" />
  <element name="msg" type="epp:mixedMsgType" minOccurs="0" />
</sequence>
  <attribute name="count" type="unsignedLong" use="required" />
  <attribute name="id" type="eppcom:minTokenType" use="required" />
</complexType>
- <complexType name="mixedMsgType" mixed="true">
- <sequence>
  <any processContents="skip" minOccurs="0" maxOccurs="unbounded" />
</sequence>
  <attribute name="lang" type="language" default="en" />
</complexType>
- <!--
  Human-readable text may be expressed in languages other than
  English.

-->
- <complexType name="msgType">
- <simpleContent>
  - <extension base="normalizedString">
    <attribute name="lang" type="language" default="en" />
  </extension>
</simpleContent>

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</complexType>
- <!--
    EPP result codes.

-->
- <simpleType name="resultCodeType">
- <restriction base="unsignedShort">
    <enumeration value="1000" />
    <enumeration value="1001" />
    <enumeration value="1300" />
    <enumeration value="1301" />
    <enumeration value="1500" />
    <enumeration value="2000" />
    <enumeration value="2001" />
    <enumeration value="2002" />
    <enumeration value="2003" />
    <enumeration value="2004" />
    <enumeration value="2005" />
    <enumeration value="2100" />
    <enumeration value="2101" />
    <enumeration value="2102" />
    <enumeration value="2103" />
    <enumeration value="2104" />
    <enumeration value="2105" />
    <enumeration value="2106" />
    <enumeration value="2200" />
    <enumeration value="2201" />
    <enumeration value="2202" />
    <enumeration value="2300" />
    <enumeration value="2301" />
    <enumeration value="2302" />
    <enumeration value="2303" />
    <enumeration value="2304" />
    <enumeration value="2305" />
    <enumeration value="2306" />
    <enumeration value="2307" />
    <enumeration value="2308" />
    <enumeration value="2400" />
    <enumeration value="2500" />
    <enumeration value="2501" />
    <enumeration value="2502" />
</restriction>
</simpleType>
- <!--
    End of schema.

-->
</schema>
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