Описание формата сервиса ИС СОНО по приему форм налоговой отчетности и деклараций и предоставлению статуса их обработки

**fnowebapi\_1.wsdl**

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

<definitions name="FNOWebApi" targetNamespace="http://eapi.integration.impl.ws.facade.sono.epam.com/" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://eapi.integration.impl.ws.facade.sono.epam.com/" xmlns:ns1="http://inessoft.com/sono/FnoWebApi" xmlns="http://schemas.xmlsoap.org/wsdl/">

 <import namespace="http://inessoft.com/sono/FnoWebApi" location="FNOWebApiPortType.wsdl"/>

 <binding name="FNOWebApiImplPortBinding" type="ns1:FNOWebApi">

 <soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>

 <operation name="sendForm">

 <soap:operation soapAction=""/>

 <input>

 <soap:body use="literal"/>

 </input>

 <output>

 <soap:body use="literal"/>

 </output>

 <fault name="SignException">

 <soap:fault name="SignException" use="literal"/>

 </fault>

 <fault name="TaxPayerNotFoundException">

 <soap:fault name="TaxPayerNotFoundException" use="literal"/>

 </fault>

 <fault name="TechErrorException">

 <soap:fault name="TechErrorException" use="literal"/>

 </fault>

 </operation>

 <operation name="getStatus">

 <soap:operation soapAction=""/>

 <input>

 <soap:body use="literal"/>

 </input>

 <output>

 <soap:body use="literal"/>

 </output>

 <fault name="SignException">

 <soap:fault name="SignException" use="literal"/>

 </fault>

 <fault name="TaxPayerNotFoundException">

 <soap:fault name="TaxPayerNotFoundException" use="literal"/>

 </fault>

 <fault name="TechErrorException">

 <soap:fault name="TechErrorException" use="literal"/>

 </fault>

 </operation>

 </binding>

 <service name="FNOWebApi">

 <port name="FNOWebApiImplPort" binding="tns:FNOWebApiImplPortBinding">

 <soap:address location="http://localhost:9080/sono-ws-ni/FNOWebApi"/>

 </port>

 </service>

</definitions>

**FNOWebApiPortType.wsdl**

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

<definitions targetNamespace="http://inessoft.com/sono/FnoWebApi" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://inessoft.com/sono/FnoWebApi" xmlns="http://schemas.xmlsoap.org/wsdl/">

 <types>

 <xsd:schema>

 <xsd:import namespace="http://svnspb.epam.com/kaz-pnk/sono/entity/wrapper" schemaLocation="FNOWebApiPortType\_schema1.xsd"/>

 </xsd:schema>

 <xsd:schema>

 <xsd:import namespace="http://svnspb.epam.com/kaz-pnk/sono/business/utility" schemaLocation="FNOWebApiPortType\_schema2.xsd"/>

 </xsd:schema>

 <xsd:schema>

 <xsd:import namespace="http://svnspb.epam.com/kaz-pnk/sono/business/guides" schemaLocation="FNOWebApiPortType\_schema3.xsd"/>

 </xsd:schema>

 <xsd:schema>

 <xsd:import namespace="http://svnspb.epam.com/kaz-pnk/sono/business/entity/reference" schemaLocation="FNOWebApiPortType\_schema4.xsd"/>

 </xsd:schema>

 <xsd:schema>

 <xsd:import namespace="http://svnspb.epam.com/kaz-pnk/sono/business/entity/notifications" schemaLocation="FNOWebApiPortType\_schema5.xsd"/>

 </xsd:schema>

 <xsd:schema>

 <xsd:import namespace="http://inessoft.com/sono/FnoWebApi" schemaLocation="FNOWebApiPortType\_schema6.xsd"/>

 </xsd:schema>

 </types>

 <message name="SignException">

 <part name="fault" element="tns:SignFault"/>

 </message>

 <message name="getStatusResponse">

 <part name="parameters" element="tns:getStatusResponse"/>

 </message>

 <message name="sendForm">

 <part name="parameters" element="tns:sendForm"/>

 </message>

 <message name="TaxPayerNotFoundException">

 <part name="fault" element="tns:TaxPayerNotFoundFault"/>

 </message>

 <message name="sendFormResponse">

 <part name="parameters" element="tns:sendFormResponse"/>

 </message>

 <message name="getStatus">

 <part name="parameters" element="tns:getStatus"/>

 </message>

 <message name="TechErrorException">

 <part name="fault" element="tns:TechErrorFault"/>

 </message>

 <portType name="FNOWebApi">

 <operation name="sendForm">

 <input message="tns:sendForm"/>

 <output message="tns:sendFormResponse"/>

 <fault name="SignException" message="tns:SignException"/>

 <fault name="TaxPayerNotFoundException" message="tns:TaxPayerNotFoundException"/>

 <fault name="TechErrorException" message="tns:TechErrorException"/>

 </operation>

 <operation name="getStatus">

 <input message="tns:getStatus"/>

 <output message="tns:getStatusResponse"/>

 <fault name="SignException" message="tns:SignException"/>

 <fault name="TaxPayerNotFoundException" message="tns:TaxPayerNotFoundException"/>

 <fault name="TechErrorException" message="tns:TechErrorException"/>

 </operation>

 </portType>

</definitions>

**FNOWebApiPortType\_schema1.xsd**

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

<xs:schema version="1.0" targetNamespace="http://svnspb.epam.com/kaz-pnk/sono/entity/wrapper" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:ns1="http://inessoft.com/sono/FnoWebApi" xmlns:tns="http://svnspb.epam.com/kaz-pnk/sono/entity/wrapper">

 <xs:import namespace="http://inessoft.com/sono/FnoWebApi" schemaLocation="FNOWebApiPortType\_schema6.xsd"/>

 <xs:complexType name="reflectionWrapperType">

 <xs:sequence>

 <xs:element name="fields" type="tns:mapWrapperType" minOccurs="0"/>

 </xs:sequence>

 <xs:attribute name="class-name" type="xs:string" use="required"/>

 </xs:complexType>

 <xs:complexType name="mapWrapperType">

 <xs:sequence>

 <xs:element name="valueList" type="tns:mapElementWrapperType" nillable="true" maxOccurs="unbounded" minOccurs="0"/>

 </xs:sequence>

 </xs:complexType>

 <xs:complexType name="mapElementWrapperType">

 <xs:sequence>

 <xs:element name="key" type="xs:anyType" nillable="true" minOccurs="0"/>

 <xs:element name="value" type="xs:anyType" nillable="true" minOccurs="0"/>

 </xs:sequence>

 </xs:complexType>

</xs:schema>

**FNOWebApiPortType\_schema2.xsd**

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

<xs:schema version="1.0" targetNamespace="http://svnspb.epam.com/kaz-pnk/sono/business/utility" xmlns:xs="http://www.w3.org/2001/XMLSchema">

 <xs:complexType name="abstractEnumWrapperType">

 <xs:sequence>

 <xs:element name="name" type="xs:string" minOccurs="0"/>

 <xs:element name="classname" type="xs:string" minOccurs="0"/>

 </xs:sequence>

 </xs:complexType>

</xs:schema>

**FNOWebApiPortType\_schema3.xsd**

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

<xs:schema version="1.0" targetNamespace="http://svnspb.epam.com/kaz-pnk/sono/business/guides" xmlns:xs="http://www.w3.org/2001/XMLSchema">

 <xs:complexType name="guideType" abstract="true"/>

</xs:schema>

**FNOWebApiPortType\_schema4.xsd**

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

<xs:schema version="1.0" targetNamespace="http://svnspb.epam.com/kaz-pnk/sono/business/entity/reference" xmlns:ns2="http://inessoft.com/sono/FnoWebApi" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:ns1="http://svnspb.epam.com/kaz-pnk/sono/business/guides" xmlns:tns="http://svnspb.epam.com/kaz-pnk/sono/business/entity/reference">

 <xs:import namespace="http://svnspb.epam.com/kaz-pnk/sono/business/guides" schemaLocation="FNOWebApiPortType\_schema3.xsd"/>

 <xs:import namespace="http://inessoft.com/sono/FnoWebApi" schemaLocation="FNOWebApiPortType\_schema6.xsd"/>

 <xs:complexType name="tabDocStatusType">

 <xs:complexContent>

 <xs:extension base="ns1:guideType">

 <xs:sequence>

 <xs:element name="statusDesc" type="xs:string" minOccurs="0"/>

 <xs:element name="statusNote" type="xs:string" nillable="true" minOccurs="0"/>

 </xs:sequence>

 <xs:attribute name="entity-id" type="xs:long" use="required"/>

 </xs:extension>

 </xs:complexContent>

 </xs:complexType>

 <xs:complexType name="tabDocPeriodType">

 <xs:sequence>

 <xs:element name="periodDesc" type="xs:string" minOccurs="0"/>

 <xs:element name="startDate" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="endDate" type="xs:string" nillable="true" minOccurs="0"/>

 </xs:sequence>

 <xs:attribute name="entity-id" type="xs:long" use="required"/>

 <xs:attribute name="period-group-id" type="xs:IDREF" use="required"/>

 </xs:complexType>

 <xs:complexType name="tabDocPeriodGroupType">

 <xs:sequence>

 <xs:element name="groupDesc" type="xs:string" minOccurs="0"/>

 <xs:element name="docPeriods" nillable="true">

 <xs:complexType>

 <xs:sequence>

 <xs:element name="docPeriods" type="tns:tabDocPeriodType" nillable="true" maxOccurs="unbounded" minOccurs="0"/>

 </xs:sequence>

 </xs:complexType>

 </xs:element>

 </xs:sequence>

 <xs:attribute name="id" type="xs:ID"/>

 <xs:attribute name="entity-id" type="xs:long" use="required"/>

 </xs:complexType>

 <xs:complexType name="tabMediaType">

 <xs:sequence/>

 <xs:attribute name="entity-id" type="xs:long" use="required"/>

 <xs:attribute name="mediaDesc" type="xs:string" use="required"/>

 </xs:complexType>

</xs:schema>

**FNOWebApiPortType\_schema5.xsd**

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

<xs:schema version="1.0" targetNamespace="http://svnspb.epam.com/kaz-pnk/sono/business/entity/notifications" xmlns:ns2="http://svnspb.epam.com/kaz-pnk/sono/business/entity/reference" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:ns1="http://inessoft.com/sono/FnoWebApi" xmlns:ns4="http://svnspb.epam.com/kaz-pnk/sono/entity/wrapper" xmlns:ns3="http://svnspb.epam.com/kaz-pnk/sono/business/utility">

 <xs:import namespace="http://inessoft.com/sono/FnoWebApi" schemaLocation="FNOWebApiPortType\_schema6.xsd"/>

 <xs:import namespace="http://svnspb.epam.com/kaz-pnk/sono/business/entity/reference" schemaLocation="FNOWebApiPortType\_schema4.xsd"/>

 <xs:import namespace="http://svnspb.epam.com/kaz-pnk/sono/business/utility" schemaLocation="FNOWebApiPortType\_schema2.xsd"/>

 <xs:import namespace="http://svnspb.epam.com/kaz-pnk/sono/entity/wrapper" schemaLocation="FNOWebApiPortType\_schema1.xsd"/>

 <xs:complexType name="notificationType" abstract="true">

 <xs:sequence>

 <xs:element name="notificationType" type="xs:string" minOccurs="0"/>

 <xs:element name="name" type="xs:string" minOccurs="0"/>

 <xs:element name="fnoName" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="fnoRegNumber" type="xs:string" minOccurs="0"/>

 <xs:element name="fnoType" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="fnoStatus" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="fnoDocPeriod" type="ns2:tabDocPeriodType" nillable="true" minOccurs="0"/>

 <xs:element name="fnoMediaType" type="ns2:tabMediaType" nillable="true" minOccurs="0"/>

 <xs:element name="nameNk" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="npType" type="ns3:abstractEnumWrapperType" minOccurs="0"/>

 <xs:element name="np-jur-name" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="nkleaderName" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="nkleaderSurname" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="nkleaderMiddleName" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="userConfirmation" type="xs:string" nillable="true" minOccurs="0"/>

 </xs:sequence>

 <xs:attribute name="id" type="xs:ID"/>

 <xs:attribute name="class-name" type="xs:string" use="required"/>

 <xs:attribute name="entity-id" type="xs:long" use="required"/>

 <xs:attribute name="fno-doc-id" type="xs:long"/>

 <xs:attribute name="create-date" type="xs:dateTime" use="required"/>

 <xs:attribute name="fno-code" type="xs:string" use="required"/>

 <xs:attribute name="fnoVersion" type="xs:string" use="required"/>

 <xs:attribute name="fno-report-year" type="xs:int"/>

 <xs:attribute name="fno-submit-date" type="xs:dateTime"/>

 <xs:attribute name="fno-accept-date" type="xs:dateTime"/>

 <xs:attribute name="code-nk" type="xs:string" use="required"/>

 <xs:attribute name="np-rnn" type="xs:string" use="required"/>

 <xs:attribute name="np-inn-bin" type="xs:string"/>

 <xs:attribute name="np-id" type="xs:long"/>

 <xs:attribute name="server-enc" type="xs:boolean" use="required"/>

 <xs:attribute name="sonoChangeDate" type="xs:long" use="required"/>

 <xs:attribute name="completedPresent" type="xs:boolean" use="required"/>

 </xs:complexType>

 <xs:complexType name="fnoHistoryElementType">

 <xs:sequence>

 <xs:element name="description" type="xs:string" minOccurs="0"/>

 <xs:element name="system" type="xs:string" minOccurs="0"/>

 <xs:element name="status" type="ns4:reflectionWrapperType" minOccurs="0"/>

 <xs:element name="statusDesc" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="statusDateStr" type="xs:string" nillable="true" minOccurs="0"/>

 </xs:sequence>

 <xs:attribute name="entity-id" type="xs:long" use="required"/>

 <xs:attribute name="notification-id" type="xs:IDREF" use="required"/>

 <xs:attribute name="status-date" type="xs:dateTime" use="required"/>

 </xs:complexType>

 <xs:complexType name="fnoRaznoskaElementType">

 <xs:sequence>

 <xs:element name="kbk" type="xs:string" minOccurs="0"/>

 <xs:element name="payAmmount" type="xs:string" minOccurs="0"/>

 <xs:element name="currencyTypeSymbol" type="xs:string" nillable="true" minOccurs="0"/>

 </xs:sequence>

 <xs:attribute name="entity-id" type="xs:long" use="required"/>

 <xs:attribute name="notification-id" type="xs:IDREF" use="required"/>

 <xs:attribute name="pay-time" type="xs:dateTime" use="required"/>

 </xs:complexType>

 <xs:complexType name="ndsReturnErrorType">

 <xs:sequence>

 <xs:element name="errorDescr" type="xs:string" nillable="true" minOccurs="0"/>

 </xs:sequence>

 <xs:attribute name="entity-id" type="xs:long"/>

 <xs:attribute name="notification-id" type="xs:IDREF"/>

 </xs:complexType>

</xs:schema>

**FNOWebApiPortType\_schema6.xsd**

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

<xs:schema version="1.0" targetNamespace="http://inessoft.com/sono/FnoWebApi" xmlns:ns2="http://svnspb.epam.com/kaz-pnk/sono/business/guides" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:ns1="http://svnspb.epam.com/kaz-pnk/sono/business/entity/reference" xmlns:ns4="http://svnspb.epam.com/kaz-pnk/sono/business/utility" xmlns:ns3="http://svnspb.epam.com/kaz-pnk/sono/business/entity/notifications" xmlns:ns5="http://svnspb.epam.com/kaz-pnk/sono/entity/wrapper" xmlns:tns="http://inessoft.com/sono/FnoWebApi">

 <xs:import namespace="http://svnspb.epam.com/kaz-pnk/sono/business/entity/reference" schemaLocation="FNOWebApiPortType\_schema4.xsd"/>

 <xs:import namespace="http://svnspb.epam.com/kaz-pnk/sono/business/guides" schemaLocation="FNOWebApiPortType\_schema3.xsd"/>

 <xs:import namespace="http://svnspb.epam.com/kaz-pnk/sono/business/entity/notifications" schemaLocation="FNOWebApiPortType\_schema5.xsd"/>

 <xs:import namespace="http://svnspb.epam.com/kaz-pnk/sono/business/utility" schemaLocation="FNOWebApiPortType\_schema2.xsd"/>

 <xs:import namespace="http://svnspb.epam.com/kaz-pnk/sono/entity/wrapper" schemaLocation="FNOWebApiPortType\_schema1.xsd"/>

 <xs:element name="SignFault" type="tns:SignException"/>

 <xs:element name="TaxPayerNotFoundFault" type="tns:TaxPayerNotFoundException"/>

 <xs:element name="TechErrorFault" type="tns:TechErrorException"/>

 <xs:element name="abstractEnumWrapper" type="ns4:abstractEnumWrapperType"/>

 <xs:element name="fnoHistoryElement" type="ns3:fnoHistoryElementType"/>

 <xs:element name="fnoRaznoskaElement" type="ns3:fnoRaznoskaElementType"/>

 <xs:element name="getStatus" type="tns:getStatus"/>

 <xs:element name="getStatusResponse" type="tns:getStatusResponse"/>

 <xs:element name="guide" type="ns2:guideType"/>

 <xs:element name="mapElementWrapper" type="ns5:mapElementWrapperType"/>

 <xs:element name="mapWrapper" type="ns5:mapWrapperType"/>

 <xs:element name="ndsReturnError" type="ns3:ndsReturnErrorType"/>

 <xs:element name="processStatus" type="tns:ProcessStatus"/>

 <xs:element name="reflectionWrapper" type="ns5:reflectionWrapperType"/>

 <xs:element name="sendForm" type="tns:sendForm"/>

 <xs:element name="sendFormResponse" type="tns:sendFormResponse"/>

 <xs:element name="tabDocPeriod" type="ns1:tabDocPeriodType"/>

 <xs:element name="tabDocPeriodGroup" type="ns1:tabDocPeriodGroupType"/>

 <xs:element name="tabDocStatus" type="ns1:tabDocStatusType"/>

 <xs:element name="tabMediaType" type="ns1:tabMediaType"/>

 <xs:complexType name="sendForm">

 <xs:sequence>

 <xs:element name="arg0" type="xs:string" minOccurs="0"/>

 </xs:sequence>

 </xs:complexType>

 <xs:complexType name="sendFormResponse">

 <xs:sequence>

 <xs:element name="return" type="xs:long"/>

 </xs:sequence>

 </xs:complexType>

 <xs:complexType name="SignException">

 <xs:sequence>

 <xs:element name="message" type="xs:string" minOccurs="0"/>

 </xs:sequence>

 </xs:complexType>

 <xs:complexType name="TechErrorException">

 <xs:sequence>

 <xs:element name="message" type="xs:string" minOccurs="0"/>

 </xs:sequence>

 </xs:complexType>

 <xs:complexType name="TaxPayerNotFoundException">

 <xs:sequence>

 <xs:element name="message" type="xs:string" minOccurs="0"/>

 </xs:sequence>

 </xs:complexType>

 <xs:complexType name="getStatus">

 <xs:sequence>

 <xs:element name="arg0" type="xs:string" minOccurs="0"/>

 </xs:sequence>

 </xs:complexType>

 <xs:complexType name="getStatusResponse">

 <xs:sequence>

 <xs:element name="return" type="tns:ProcessStatus" minOccurs="0"/>

 </xs:sequence>

 </xs:complexType>

 <xs:complexType name="ProcessStatus">

 <xs:sequence>

 <xs:element name="status" type="ns1:tabDocStatusType" minOccurs="0"/>

 <xs:element name="notification" type="tns:notificationWrapper" minOccurs="0"/>

 </xs:sequence>

 </xs:complexType>

 <xs:complexType name="notificationWrapper">

 <xs:complexContent>

 <xs:extension base="ns3:notificationType">

 <xs:sequence>

 <xs:element name="fnoProcessingHistory" type="ns3:fnoHistoryElementType" nillable="true" maxOccurs="unbounded" minOccurs="0"/>

 <xs:element name="raznoska" type="ns3:fnoRaznoskaElementType" nillable="true" maxOccurs="unbounded" minOccurs="0"/>

 <xs:element name="errorDescription" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="acceptedByFio" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="npName" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="npFio" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="cause" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="nkBossFio" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="formedByFio" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="errorsProtocol" type="ns3:ndsReturnErrorType" nillable="true" maxOccurs="unbounded" minOccurs="0"/>

 <xs:element name="resultDescription" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="taxAuditAct" type="xs:string" nillable="true" minOccurs="0"/>

 <xs:element name="ndsReturnNotificationType" type="ns4:abstractEnumWrapperType" nillable="true" minOccurs="0"/>

 <xs:element name="recallCause" type="xs:string" minOccurs="0"/>

 <xs:element name="status" type="xs:string" minOccurs="0"/>

 <xs:element name="result" type="xs:string" minOccurs="0"/>

 <xs:element name="zNotificationData" type="xs:string" nillable="true" minOccurs="0"/>

 </xs:sequence>

 <xs:attribute name="contract-num" type="xs:long"/>

 <xs:attribute name="contract-num-str" type="xs:string"/>

 <xs:attribute name="contract-date" type="xs:dateTime"/>

 <xs:attribute name="razn-enc" type="xs:boolean"/>

 <xs:attribute name="cert-num" type="xs:int"/>

 <xs:attribute name="cert-delivery-date" type="xs:dateTime"/>

 <xs:attribute name="cert-series" type="xs:int"/>

 <xs:attribute name="nds-ret-start" type="xs:dateTime"/>

 <xs:attribute name="nds-ret-end" type="xs:dateTime"/>

 </xs:extension>

 </xs:complexContent>

 </xs:complexType>

</xs:schema>

**schema1.xsd**

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

<xs:schema version="1.0" targetNamespace="http://inessoft.com/sono/FnoWebApi" xmlns:xs="http://www.w3.org/2001/XMLSchema">

 <xs:complexType name="StatusRequest">

 <xs:sequence>

 <xs:element name="id" type="xs:long"/>

 </xs:sequence>

 </xs:complexType>

</xs:schema>

**schema2.xsd**

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

<xs:schema version="1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:ns1="http://inessoft.com/sono/FnoWebApi">

 <xs:import namespace="http://inessoft.com/sono/FnoWebApi" schemaLocation="schema1.xsd"/>

 <xs:element name="statusRequest" type="ns1:StatusRequest"/>

</xs:schema>