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<?xml version="1.0" encoding="UTF-8"?>
<wsdl:definitions targetNamespace="urn:fws"
xmlns:fwsmodel="http://model.ws.foundation.groundwork.org"
xmlns:apachesoap="http://xml.apache.org/xml-soap" xmlns:impl="urn:fws"
xmlns:intf="urn:fws"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
xmlns:wsdlsoap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <!--
    Collage - The ultimate data integration framework.
    Copyright (C) 2004-2007 GroundWork Open Source Inc.
    info@groundworkopensource.com

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    Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
  -->

  <wsdl:import namespace="urn:fwsmodel"
    xmlns:fwsmodel="http://model.ws.foundation.groundwork.org"
    location="../fwsmodel.wsdl" />

  <wsdl:message name="getDeviceRequest">
    <wsdl:part name="type" type="fwsmodel:DeviceQueryType"/>
    <wsdl:part name="value" type="xsd:string"/>
    <wsdl:part name="startRange" type="xsd:int"/>
    <wsdl:part name="endRange" type="xsd:int"/>
    <wsdl:part name="orderBy" type="fwsmodel:SortCriteria"/>
  </wsdl:message>

  <wsdl:message name="getDeviceResponse">
    <wsdl:part name="getDeviceReturn"
      type="fwsmodel:WSFoundationCollection"/>
  </wsdl:message>

  <wsdl:message name="getDeviceByStringRequest">

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    <wsdl:part name="type" type="xsd:string"/>

    <wsdl:part name="value" type="xsd:string"/>

    <wsdl:part name="startRange" type="xsd:string"/>

    <wsdl:part name="endRange" type="xsd:string"/>

    <wsdl:part name="sortOrder" type="xsd:string"/>

    <wsdl:part name="sortField" type="xsd:string"/>

</wsdl:message>

<wsdl:message name="getDeviceByStringResponse">

    <wsdl:part name="getDeviceByStringReturn"
        type="fwsmode:WSFoundationCollection"/>

</wsdl:message>

<wsdl:message name="getDevicesByCriteriaRequest">
    <wsdl:part name="filter" type="fwsmode:Filter"/>
    <wsdl:part name="sort" type="fwsmode:Sort"/>
    <wsdl:part name="firstResult" type="xsd:int"/>
    <wsdl:part name="maxResults" type="xsd:int"/>
</wsdl:message>

<wsdl:message name="getDevicesByCriteriaResponse">
    <wsdl:part name="getDevicesByCriteriaReturn"
        type="fwsmode:WSFoundationCollection"/>
</wsdl:message>

<wsdl:message name="WSFoundationException">

    <wsdl:part name="fault" element="fwsmode:WSFoundationException"/>

</wsdl:message>

<wsdl:portType name="WSDevice">

    <wsdl:operation name="getDevice" parameterOrder="type value startRange
        endRange orderBy">

        <wsdl:input message="impl:getDeviceRequest" name="getDeviceRequest"/>

        <wsdl:output message="impl:getDeviceResponse"
            name="getDeviceResponse"/>

        <wsdl:fault message="impl:WSFoundationException"
            name="WSFoundationException"/>

    </wsdl:operation>

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<wsdl:operation name="getDeviceByString" parameterOrder="type value
startRange endRange sortOrder sortField">

    <wsdl:input message="impl:getDeviceByStringRequest"
name="getDeviceByStringRequest"/>

    <wsdl:output message="impl:getDeviceByStringResponse"
name="getDeviceByStringResponse"/>

    <wsdl:fault message="impl:WSFoundationException"
name="WSFoundationException"/>

</wsdl:operation>

<wsdl:operation name="getDevicesByCriteria" parameterOrder="filter sort
firstResult maxResults">

    <wsdl:input message="impl:getDevicesByCriteriaRequest"
name="getDevicesByCriteriaRequest"/>

    <wsdl:output message="impl:getDevicesByCriteriaResponse"
name="getDevicesByCriteriaResponse"/>

    <wsdl:fault message="impl:WSFoundationException"
name="WSFoundationException"/>

</wsdl:operation>
</wsdl:portType>

<wsdl:binding name="deviceSoapBinding" type="impl:WSDevice">

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

    <wsdl:operation name="getDevice">

        <wsdlsoap:operation soapAction="/foundation-
webapp/services/wsdevice"/>

        <wsdl:input name="getDeviceRequest">

            <wsdlsoap:body
encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
namespace="urn:fws" use="literal"/>

        </wsdl:input>

        <wsdl:output name="getDeviceResponse">

            <wsdlsoap:body
encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
namespace="urn:fws" use="literal"/>

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</wsdl:output>

<wsdl:fault name="WSFoundationException">

    <wsdlsoap:fault
        encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
        name="WSFoundationException" use="literal"/>

</wsdl:fault>

</wsdl:operation>

<wsdl:operation name="getDeviceByString">

    <wsdlsoap:operation soapAction="/foundation-
webapp/services/wsdevice"/>

    <wsdl:input name="getDeviceByStringRequest">

        <wsdlsoap:body
            encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
            namespace="urn:fws" use="literal"/>

    </wsdl:input>

    <wsdl:output name="getDeviceByStringResponse">

        <wsdlsoap:body
            encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
            namespace="urn:fws" use="literal"/>

    </wsdl:output>

    <wsdl:fault name="WSFoundationException">

        <wsdlsoap:fault
            encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
            name="WSFoundationException" use="literal"/>

    </wsdl:fault>

</wsdl:operation>

<wsdl:operation name="getDevicesByCriteria">

    <wsdlsoap:operation soapAction="/foundation-
webapp/services/wsdevice"/>

    <wsdl:input name="getDevicesByCriteriaRequest">

        <wsdlsoap:body
            encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
            namespace="urn:fws" use="literal"/>

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</wsdl:input>

<wsdl:output name="getDevicesByCriteriaResponse">

  <wsdlsoap:body
    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
    namespace="urn:fws" use="literal"/>

</wsdl:output>

<wsdl:fault name="WSFoundationException">

  <wsdlsoap:fault
    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
    name="WSFoundationException" use="literal"/>

</wsdl:fault>

</wsdl:operation>
</wsdl:binding>

<wsdl:service name="WSDeviceService">

  <wsdl:port binding="impl:deviceSoapBinding" name="wsdevice">

    <wsdlsoap:address location="http://localhost:8080/foundation-
      webapp/services/wsdevice"/>

  </wsdl:port>

</wsdl:service>

</wsdl:definitions>
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