```xml
<?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.
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info@groundworkopensource.com

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    along with this program; if not, write to the Free Software
    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="getHostGroupsRequest">

     <wsdl:part name="type" type="fwsmodel:HostGroupQueryType"/>

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

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

     <wsdl:part name="deep" type="xsd:boolean"/>

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

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

     <wsdl:part name="orderedBy" type="fwsmodel:SortCriteria"/>
   </wsdl:message>

   <wsdl:message name="getHostGroupsResponse">

     <wsdl:part name="getHostGroupsReturn"
     type="fwsmodel:WSFoundationCollection"/>
```

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    </wsdl:message>

<wsdl:message name="WSFoundationException">

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

</wsdl:message>

<wsdl:message name="getHostGroupsByStringRequest">

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

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

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

    <wsdl:part name="deep" 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="getHostGroupInfoResponse">

    <wsdl:part name="getHostGroupInfoReturn"
    type="fwsmodel:WSFoundationCollection"/>

</wsdl:message>

<wsdl:message name="getHostGroupInfoRequest">

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

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

</wsdl:message>

<wsdl:message name="getHostGroupsByStringResponse">

    <wsdl:part name="getHostGroupsByStringReturn"
    type="fwsmodel:WSFoundationCollection"/>

</wsdl:message>

<wsdl:message name="getHostGroupsByCriteriaRequest">
    <wsdl:part name="filter" type="fwsmodel:Filter"/>
    <wsdl:part name="sort" type="fwsmodel:Sort"/>
    <wsdl:part name="firstResult" type="xsd:int"/>
```

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        <wsdl:part name="maxResults" type="xsd:int"/>
        <wsdl:part name="deep" type="xsd:boolean"/>
    </wsdl:message>

    <wsdl:message name="getHostGroupsByCriteriaResponse">
        <wsdl:part name="getHostGroupsByCriteriaReturn"
        type="fwsmodel:WSFoundationCollection"/>
    </wsdl:message>

    <wsdl:portType name="WSHostGroup">

        <wsdl:operation name="getHostGroups" parameterOrder="type value
        applicationType deep startRange endRange orderedBy">

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

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

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

        </wsdl:operation>

        <wsdl:operation name="getHostGroupsByString" parameterOrder="type value
        applicationType deep startRange endRange sortOrder sortField">

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

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

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

        </wsdl:operation>

        <wsdl:operation name="getHostGroupInfo" parameterOrder="type value">

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

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

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

        </wsdl:operation>

        <wsdl:operation name="getHostGroupsByCriteria" parameterOrder="filter
        sort firstResult maxResults deep">
```

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

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

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

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

<wsdl:binding name="hostgroupSoapBinding" type="impl:WSHostGroup">

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

    <wsdl:operation name="getHostGroups">

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

        <wsdl:input name="getHostGroupsRequest">

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

        </wsdl:input>

        <wsdl:output name="getHostGroupsResponse">

          <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="getHostGroupsByString">

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

```
<wsdl:input name="getHostGroupsByStringRequest">

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

</wsdl:input>

<wsdl:output name="getHostGroupsByStringResponse">

    <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="getHostGroupInfo">

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

    <wsdl:input name="getHostGroupInfoRequest">

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

    </wsdl:input>

    <wsdl:output name="getHostGroupInfoResponse">

        <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>
```

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      </wsdl:operation>

      <wsdl:operation name="getHostGroupsByCriteria">

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

         <wsdl:input name="getHostGroupsByCriteriaRequest">

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

         </wsdl:input>

         <wsdl:output name="getHostGroupsByCriteriaResponse">

            <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="WSHostGroupService">

      <wsdl:port binding="impl:hostgroupSoapBinding" name="wshostgroup">

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

      </wsdl:port>

   </wsdl:service>

</wsdl:definitions>
```