

# Appendix

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## A MIB.owl

```
<?xml version="1.0"?>
<rdf:RDF
  xmlns:xsp="http://www.owl-ontologies.com/2005/08/07/xsp.owl#"
  xmlns:owl2xml="http://www.w3.org/2006/12/owl2-xml#"
  xmlns:swrlb="http://www.w3.org/2003/11/swrlb#"
  xmlns:swrl="http://www.w3.org/2003/11/swrl#"
  xmlns:protege="http://protege.stanford.edu/plugins/owl/protege#"
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
  xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
  xmlns:owl="http://www.w3.org/2002/07/owl#"
  xmlns:MIB="http://localhost:8080/Axis2WSTest/axis2-web/MIB.owl#"
  xml:base="http://localhost:8080/Axis2WSTest/axis2-web/MIB.owl">
  <owl:Ontology rdf:about="" />
  <owl:Class rdf:ID="ipDefaultTTL">
    <rdfs:subClassOf>
      <owl:Class rdf:ID="MibObject" />
    </rdfs:subClassOf>
  </owl:Class>
  <owl:intersectionOf rdf:parseType="Collection">
    <owl:Restriction>
      <owl:allValuesFrom>
        <owl:Class rdf:ID="Integer32" />
      </owl:allValuesFrom>
      <owl:onProperty>
        <owl:ObjectProperty rdf:ID="hasSyntax" />
      </owl:onProperty>
    </owl:Restriction>
    <owl:Restriction>
      <owl:onProperty>
        <owl:ObjectProperty rdf:ID="isPartOfMibDef" />
      </owl:onProperty>
      <owl:allValuesFrom>
        <owl:Class rdf:ID="IP-MIB" />
      </owl:allValuesFrom>
    </owl:Restriction>
  </owl:intersectionOf>
  </owl:Class>
</rdfs:subClassOf>
<owl:disjointWith>
  <owl:Class rdf:ID="ipInDiscards" />
</owl:disjointWith>
<owl:disjointWith>
  <owl:Class rdf:ID="sysUpTime" />
</owl:disjointWith>
<owl:disjointWith>
  <owl:Class rdf:ID="tcpInSegs" />
</owl:disjointWith>
<owl:disjointWith>
  <owl:Class rdf:ID="tcpRtoMax" />
</owl:disjointWith>
<owl:disjointWith>
```

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    <owl:Class rdf:ID="tcpRtoMin"/>
  </owl:disjointWith>
  <owl:disjointWith>
    <owl:Class rdf:ID="udpInErrors"/>
  </owl:disjointWith>
</owl:Class>
<owl:Class rdf:ID="Syntax"/>
<owl:Class rdf:about="#sysUpTime">
  <owl:disjointWith>
    <owl:Class rdf:about="#tcpInSegs"/>
  </owl:disjointWith>
  <owl:disjointWith>
    <owl:Class rdf:about="#tcpRtoMax"/>
  </owl:disjointWith>
  <owl:disjointWith>
    <owl:Class rdf:about="#tcpRtoMin"/>
  </owl:disjointWith>
  <owl:disjointWith>
    <owl:Class rdf:about="#udpInErrors"/>
  </owl:disjointWith>
<rdfs:subClassOf>
  <owl:Class rdf:about="#MibObject"/>
</rdfs:subClassOf>
<rdfs:subClassOf>
  <owl:Class>
    <owl:intersectionOf rdf:parseType="Collection">
      <owl:Restriction>
        <owl:allValuesFrom>
          <owl:Class rdf:ID="Timeticks"/>
        </owl:allValuesFrom>
        <owl:onProperty>
          <owl:ObjectProperty rdf:about="#hasSyntax"/>
        </owl:onProperty>
      </owl:Restriction>
      <owl:Restriction>
        <owl:allValuesFrom>
          <owl:Class rdf:ID="DISMAN-EVENT-MIB"/>
        </owl:allValuesFrom>
        <owl:onProperty>
          <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
        </owl:onProperty>
      </owl:Restriction>
    </owl:intersectionOf>
  </owl:Class>
</rdfs:subClassOf>
</owl:Class>
<owl:Class rdf:ID="Integer_MAX">
  <owl:disjointWith>
    <owl:Class rdf:ID="Integer_MIN"/>
  </owl:disjointWith>
<rdfs:subClassOf>
  <owl:Class rdf:about="#Integer32"/>
</rdfs:subClassOf>
</owl:Class>
<owl:Class rdf:ID="isystemuptime">
  <rdfs:subClassOf>
    <owl:Class rdf:ID="Alias"/>
  </rdfs:subClassOf>
<rdfs:subClassOf>
  <owl:Class>
    <owl:intersectionOf rdf:parseType="Collection">
      <owl:Restriction>
        <owl:onProperty>

```

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        <owl:ObjectProperty rdf:about="#hasSyntax"/>
    </owl:onProperty>
    <owl:allValuesFrom>
        <owl:Class rdf:about="#Timeticks"/>
    </owl:allValuesFrom>
</owl:Restriction>
<owl:Restriction>
    <owl:onProperty>
        <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
    </owl:onProperty>
    <owl:allValuesFrom>
        <owl:Class rdf:about="#DISMAN-EVENT-MIB"/>
    </owl:allValuesFrom>
</owl:Restriction>
</owl:intersectionOf>
</owl:Class>
</rdfs:subClassOf>
<owl:disjointWith>
    <owl:Class rdf:ID="tcpinputsegments"/>
</owl:disjointWith>
<owl:disjointWith>
    <owl:Class rdf:ID="tcpretransmittimeoutmax"/>
</owl:disjointWith>
<owl:disjointWith>
    <owl:Class rdf:ID="tcpretransmittimeoutmin"/>
</owl:disjointWith>
<owl:disjointWith>
    <owl:Class rdf:ID="udpinputerrors"/>
</owl:disjointWith>
</owl:Class>
<owl:Class rdf:ID="MibDefs"/>
<owl:Class rdf:about="#Alias">
    <rdfs:subClassOf rdf:resource="http://www.w3.org/2002/07/owl#Thing"/>
    <rdfs:subClassOf>
        <owl:Class>
            <owl:intersectionOf rdf:parseType="Collection">
                <owl:Restriction>
                    <owl:allValuesFrom rdf:resource="#Syntax"/>
                    <owl:onProperty>
                        <owl:ObjectProperty rdf:about="#hasSyntax"/>
                    </owl:onProperty>
                </owl:Restriction>
                <owl:Restriction>
                    <owl:allValuesFrom rdf:resource="#MibDefs"/>
                    <owl:onProperty>
                        <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
                    </owl:onProperty>
                </owl:Restriction>
            </owl:intersectionOf>
        </owl:Class>
    </rdfs:subClassOf>
</owl:Class>
<owl:Class rdf:about="#udpinputerrors">
    <rdfs:subClassOf rdf:resource="#Alias"/>
    <rdfs:subClassOf>
        <owl:Class>
            <owl:intersectionOf rdf:parseType="Collection">
                <owl:Restriction>
                    <owl:allValuesFrom>
                        <owl:Class rdf:ID="Counter32"/>
                    </owl:allValuesFrom>
                    <owl:onProperty>
                        <owl:ObjectProperty rdf:about="#hasSyntax"/>

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```

        </owl:onProperty>
      </owl:Restriction>
    <owl:Restriction>
      <owl:allValuesFrom>
        <owl:Class rdf:ID="UDP-MIB"/>
      </owl:allValuesFrom>
    </owl:Restriction>
    <owl:onProperty>
      <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
    </owl:onProperty>
  </owl:Restriction>
</owl:intersectionOf>
</owl:Class>
</rdfs:subClassOf>
</owl:Class>
<owl:Class rdf:ID="HOST-RESOURCES-MIB">
  <rdfs:subClassOf rdf:resource="#MibDefs"/>
  <owl:disjointWith>
    <owl:Class rdf:about="#IP-MIB"/>
  </owl:disjointWith>
  <owl:disjointWith>
    <owl:Class rdf:ID="SNMPv2-MIB"/>
  </owl:disjointWith>
  <owl:disjointWith>
    <owl:Class rdf:ID="TCP-MIB"/>
  </owl:disjointWith>
  <owl:disjointWith>
    <owl:Class rdf:about="#UDP-MIB"/>
  </owl:disjointWith>
</owl:Class>
<owl:Class rdf:about="#tcpretransmittimeoutmin">
  <owl:disjointWith rdf:resource="#udpinputerrors"/>
  <rdfs:subClassOf rdf:resource="#Alias"/>
  <rdfs:subClassOf>
    <owl:Class>
      <owl:intersectionOf rdf:parseType="Collection">
        <owl:Restriction>
          <owl:allValuesFrom>
            <owl:Class rdf:about="#Integer_MIN"/>
          </owl:allValuesFrom>
        </owl:Restriction>
        <owl:onProperty>
          <owl:ObjectProperty rdf:about="#hasSyntax"/>
        </owl:onProperty>
      </owl:Restriction>
    </owl:Class>
    <owl:Restriction>
      <owl:onProperty>
        <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
      </owl:onProperty>
      <owl:allValuesFrom>
        <owl:Class rdf:about="#TCP-MIB"/>
      </owl:allValuesFrom>
    </owl:Restriction>
  </owl:intersectionOf>
</owl:Class>
</rdfs:subClassOf>
</owl:Class>
<owl:Class rdf:about="#UDP-MIB">
  <rdfs:subClassOf rdf:resource="#MibDefs"/>
</owl:Class>
<owl:Class rdf:about="#udpInErrors">
  <rdfs:subClassOf>
    <owl:Class rdf:about="#MibObject"/>
  </rdfs:subClassOf>
  <rdfs:subClassOf>

```

```

<owl:Class>
  <owl:intersectionOf rdf:parseType="Collection">
    <owl:Restriction>
      <owl:allValuesFrom>
        <owl:Class rdf:about="#Counter32"/>
      </owl:allValuesFrom>
      <owl:onProperty>
        <owl:ObjectProperty rdf:about="#hasSyntax"/>
      </owl:onProperty>
    </owl:Restriction>
    <owl:Restriction>
      <owl:allValuesFrom rdf:resource="#UDP-MIB"/>
      <owl:onProperty>
        <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
      </owl:onProperty>
    </owl:Restriction>
  </owl:intersectionOf>
</owl:Class>
</rdfs:subClassOf>
</owl:Class>
<owl:Class rdf:ID="OIDResponse"/>
<owl:Class rdf:ID="ipdefaulttimetolive">
  <rdfs:subClassOf rdf:resource="#Alias"/>
</rdfs:subClassOf>
<owl:Class>
  <owl:intersectionOf rdf:parseType="Collection">
    <owl:Restriction>
      <owl:onProperty>
        <owl:ObjectProperty rdf:about="#hasSyntax"/>
      </owl:onProperty>
      <owl:allValuesFrom>
        <owl:Class rdf:about="#Integer32"/>
      </owl:allValuesFrom>
    </owl:Restriction>
    <owl:Restriction>
      <owl:onProperty>
        <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
      </owl:onProperty>
      <owl:allValuesFrom>
        <owl:Class rdf:about="#IP-MIB"/>
      </owl:allValuesFrom>
    </owl:Restriction>
  </owl:intersectionOf>
</owl:Class>
</rdfs:subClassOf>
<owl:disjointWith>
  <owl:Class rdf:ID="ipinputdiscards"/>
</owl:disjointWith>
<owl:disjointWith rdf:resource="#isystemuptime"/>
<owl:disjointWith>
  <owl:Class rdf:about="#tcpinputsegments"/>
</owl:disjointWith>
<owl:disjointWith>
  <owl:Class rdf:about="#tcpretransmittimeoutmax"/>
</owl:disjointWith>
<owl:disjointWith rdf:resource="#tcpretransmittimeoutmin"/>
<owl:disjointWith rdf:resource="#udpinputerrors"/>
</owl:Class>
<owl:Class rdf:about="#tcpInSegs">
  <owl:disjointWith>
    <owl:Class rdf:about="#tcpRtoMax"/>
  </owl:disjointWith>
</owl:disjointWith>

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    <owl:Class rdf:about="#tcpRtoMin"/>
</owl:disjointWith>
<owl:disjointWith rdf:resource="#udpInErrors"/>
<rdfs:subClassOf>
    <owl:Class rdf:about="#MibObject"/>
</rdfs:subClassOf>
<owl:equivalentClass>
    <owl:Class>
        <owl:intersectionOf rdf:parseType="Collection">
            <owl:Restriction>
                <owl:allValuesFrom>
                    <owl:Class rdf:about="#Counter32"/>
                </owl:allValuesFrom>
                <owl:onProperty>
                    <owl:ObjectProperty rdf:about="#hasSyntax"/>
                </owl:onProperty>
            </owl:Restriction>
            <owl:Restriction>
                <owl:allValuesFrom>
                    <owl:Class rdf:about="#TCP-MIB"/>
                </owl:allValuesFrom>
                <owl:onProperty>
                    <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
                </owl:onProperty>
            </owl:Restriction>
        </owl:intersectionOf>
    </owl:Class>
</owl:equivalentClass>
</owl:Class>
<owl:Class rdf:about="#DISMAN-EVENT-MIB">
    <rdfs:subClassOf rdf:resource="#MibDefs"/>
</owl:Class>
<owl:Class rdf:about="#tcpinputsegments">
    <rdfs:subClassOf rdf:resource="#Alias"/>
    <rdfs:subClassOf>
        <owl:Class>
            <owl:intersectionOf rdf:parseType="Collection">
                <owl:Restriction>
                    <owl:allValuesFrom>
                        <owl:Class rdf:about="#Counter32"/>
                    </owl:allValuesFrom>
                    <owl:onProperty>
                        <owl:ObjectProperty rdf:about="#hasSyntax"/>
                    </owl:onProperty>
                </owl:Restriction>
                <owl:Restriction>
                    <owl:onProperty>
                        <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
                    </owl:onProperty>
                    <owl:allValuesFrom>
                        <owl:Class rdf:about="#TCP-MIB"/>
                    </owl:allValuesFrom>
                </owl:Restriction>
            </owl:intersectionOf>
        </owl:Class>
    </rdfs:subClassOf>
<owl:disjointWith>
    <owl:Class rdf:about="#tcpretransmittimeoutmax"/>
</owl:disjointWith>
<owl:disjointWith rdf:resource="#tcpretransmittimeoutmin"/>
<owl:disjointWith rdf:resource="#udpinputerrors"/>
</owl:Class>
<owl:Class rdf:about="#TCP-MIB">

```

```

    <owl:disjointWith rdf:resource="#UDP-MIB"/>
    <rdfs:subClassOf rdf:resource="#MibDefs"/>
</owl:Class>
<owl:Class rdf:about="#Integer32">
    <rdfs:subClassOf rdf:resource="#Syntax"/>
    <owl:disjointWith>
        <owl:Class rdf:about="#Timeticks"/>
    </owl:disjointWith>
</owl:Class>
<owl:Class rdf:about="#SNMPv2-MIB">
    <rdfs:subClassOf rdf:resource="#MibDefs"/>
    <owl:disjointWith rdf:resource="#TCP-MIB"/>
    <owl:disjointWith rdf:resource="#UDP-MIB"/>
</owl:Class>
<owl:Class rdf:about="#tcpRtoMax">
    <rdfs:subClassOf>
        <owl:Class rdf:about="#MibObject"/>
    </rdfs:subClassOf>
    <rdfs:subClassOf>
        <owl:Class>
            <owl:intersectionOf rdf:parseType="Collection">
                <owl:Restriction>
                    <owl:onProperty>
                        <owl:ObjectProperty rdf:about="#hasSyntax"/>
                    </owl:onProperty>
                    <owl:allValuesFrom rdf:resource="#Integer_MAX"/>
                </owl:Restriction>
                <owl:Restriction>
                    <owl:onProperty>
                        <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
                    </owl:onProperty>
                    <owl:allValuesFrom rdf:resource="#TCP-MIB"/>
                </owl:Restriction>
            </owl:intersectionOf>
        </owl:Class>
    </rdfs:subClassOf>
    <owl:disjointWith>
        <owl:Class rdf:about="#tcpRtoMin"/>
    </owl:disjointWith>
    <owl:disjointWith rdf:resource="#udpInErrors"/>
</owl:Class>
<owl:Class rdf:about="#ipInDiscards">
    <rdfs:subClassOf>
        <owl:Class rdf:about="#MibObject"/>
    </rdfs:subClassOf>
    <rdfs:subClassOf>
        <owl:Class>
            <owl:intersectionOf rdf:parseType="Collection">
                <owl:Restriction>
                    <owl:onProperty>
                        <owl:ObjectProperty rdf:about="#hasSyntax"/>
                    </owl:onProperty>
                    <owl:allValuesFrom>
                        <owl:Class rdf:about="#Counter32"/>
                    </owl:allValuesFrom>
                </owl:Restriction>
                <owl:Restriction>
                    <owl:onProperty>
                        <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
                    </owl:onProperty>
                    <owl:allValuesFrom>
                        <owl:Class rdf:about="#IP-MIB"/>
                    </owl:allValuesFrom>
                </owl:Restriction>
            </owl:intersectionOf>
        </owl:Class>
    </rdfs:subClassOf>

```

```

        </owl:Restriction>
    </owl:intersectionOf>
</owl:Class>
</rdfs:subClassOf>
<owl:disjointWith rdf:resource="#sysUpTime"/>
<owl:disjointWith rdf:resource="#tcpInSegs"/>
<owl:disjointWith rdf:resource="#tcpRtoMax"/>
<owl:disjointWith>
    <owl:Class rdf:about="#tcpRtoMin"/>
</owl:disjointWith>
<owl:disjointWith rdf:resource="#udpInErrors"/>
</owl:Class>
<owl:Class rdf:about="#ipinputdiscards">
    <owl:disjointWith rdf:resource="#isystemuptime"/>
    <owl:disjointWith rdf:resource="#tcpinputsegments"/>
    <owl:disjointWith>
        <owl:Class rdf:about="#tcpretransmittimeoutmax"/>
    </owl:disjointWith>
    <owl:disjointWith rdf:resource="#tcpretransmittimeoutmin"/>
    <owl:disjointWith rdf:resource="#udpinputerrors"/>
    <rdfs:subClassOf rdf:resource="#Alias"/>
</rdfs:subClassOf>
    <owl:Class>
        <owl:intersectionOf rdf:parseType="Collection">
            <owl:Restriction>
                <owl:allValuesFrom>
                    <owl:Class rdf:about="#Counter32"/>
                </owl:allValuesFrom>
                <owl:onProperty>
                    <owl:ObjectProperty rdf:about="#hasSyntax"/>
                </owl:onProperty>
            </owl:Restriction>
            <owl:Restriction>
                <owl:allValuesFrom>
                    <owl:Class rdf:about="#IP-MIB"/>
                </owl:allValuesFrom>
                <owl:onProperty>
                    <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
                </owl:onProperty>
            </owl:Restriction>
        </owl:intersectionOf>
    </owl:Class>
</rdfs:subClassOf>
</owl:Class>
<owl:Class rdf:about="#tcpRtoMin">
    <rdfs:subClassOf>
        <owl:Class rdf:about="#MibObject"/>
    </rdfs:subClassOf>
</rdfs:subClassOf>
    <owl:Class>
        <owl:intersectionOf rdf:parseType="Collection">
            <owl:Restriction>
                <owl:allValuesFrom>
                    <owl:Class rdf:about="#Integer_MIN"/>
                </owl:allValuesFrom>
                <owl:onProperty>
                    <owl:ObjectProperty rdf:about="#hasSyntax"/>
                </owl:onProperty>
            </owl:Restriction>
            <owl:Restriction>
                <owl:allValuesFrom rdf:resource="#TCP-MIB"/>
                <owl:onProperty>
                    <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
                </owl:onProperty>
            </owl:Restriction>
        </owl:intersectionOf>
    </owl:Class>

```



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        </owl:onProperty>
      </owl:Restriction>
    </owl:intersectionOf>
  </owl:Class>
</rdfs:subClassOf>
<owl:disjointWith rdf:resource="#udpInErrors"/>
</owl:Class>
<owl:Class rdf:about="#Counter32">
  <rdfs:subClassOf rdf:resource="#Syntax"/>
  <owl:disjointWith rdf:resource="#Integer32"/>
  <owl:disjointWith>
    <owl:Class rdf:about="#Timeticks"/>
  </owl:disjointWith>
</owl:Class>
<owl:Class rdf:about="#tcpretransmittimeoutmax">
  <rdfs:subClassOf rdf:resource="#Alias"/>
  <rdfs:subClassOf>
    <owl:Class>
      <owl:intersectionOf rdf:parseType="Collection">
        <owl:Restriction>
          <owl:allValuesFrom rdf:resource="#Integer.MAX"/>
          <owl:onProperty>
            <owl:ObjectProperty rdf:about="#hasSyntax"/>
          </owl:onProperty>
        </owl:Restriction>
        <owl:Restriction>
          <owl:onProperty>
            <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
          </owl:onProperty>
          <owl:allValuesFrom rdf:resource="#TCP-MIB"/>
        </owl:Restriction>
      </owl:intersectionOf>
    </owl:Class>
  </rdfs:subClassOf>
  <owl:disjointWith rdf:resource="#tcpretransmittimeoutmin"/>
  <owl:disjointWith rdf:resource="#udpinputerrors"/>
</owl:Class>
<owl:Class rdf:about="#Integer.MIN">
  <rdfs:subClassOf rdf:resource="#Integer32"/>
</owl:Class>
<owl:Class rdf:about="#MibObject">
  <rdfs:subClassOf>
    <owl:Restriction>
      <owl:onProperty>
        <owl:ObjectProperty rdf:about="#isPartOfMibDef"/>
      </owl:onProperty>
      <owl:allValuesFrom rdf:resource="#MibDefs"/>
    </owl:Restriction>
  </rdfs:subClassOf>
  <rdfs:subClassOf>
    <owl:Restriction>
      <owl:allValuesFrom rdf:resource="#Syntax"/>
      <owl:onProperty>
        <owl:ObjectProperty rdf:about="#hasSyntax"/>
      </owl:onProperty>
    </owl:Restriction>
  </rdfs:subClassOf>
  <rdfs:subClassOf rdf:resource="http://www.w3.org/2002/07/owl#Thing"/>
</owl:Class>
<owl:Class rdf:about="#IP-MIB">
  <owl:disjointWith rdf:resource="#SNMPv2-MIB"/>
  <owl:disjointWith rdf:resource="#TCP-MIB"/>
  <owl:disjointWith rdf:resource="#UDP-MIB"/>

```

```

    <rdfs:subClassOf rdf:resource="#MibDefs"/>
</owl:Class>
<owl:Class rdf:about="#Timeticks">
    <rdfs:subClassOf rdf:resource="#Syntax"/>
</owl:Class>
<owl:ObjectProperty rdf:about="#hasSyntax">
    <rdfs:range rdf:resource="#Syntax"/>
</owl:ObjectProperty>
<owl:ObjectProperty rdf:about="#isPartOfMibDef">
    <rdfs:range rdf:resource="#MibDefs"/>
</owl:ObjectProperty>
<owl:DatatypeProperty rdf:ID="hasStringRepresentation">
    <rdfs:domain>
        <owl:Class>
            <owl:unionOf rdf:parseType="Collection">
                <owl:Class rdf:about="#MibDefs"/>
                <owl:Class rdf:about="#OIDResponse"/>
            </owl:unionOf>
        </owl:Class>
    </rdfs:domain>
    <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
</owl:DatatypeProperty>
<MIB:tcpinputsegments rdf:ID="tcpinputsegments_2">
    <MIB:hasSyntax rdf:resource="#Counter32"/>
    <MIB:isPartOfMibDef rdf:resource="#TCP-MIB"/>
</MIB:tcpinputsegments>
</rdf:RDF>

<!-- Created with Protege (with OWL Plugin 3.4, Build 526) http://protege.stanford.edu -->

```

## B MiniManager.owl

```

<?xml version="1.0"?>

<!DOCTYPE rdf:RDF [
    <!ENTITY owl "http://www.w3.org/2002/07/owl#" >
    <!ENTITY swrl "http://www.w3.org/2003/11/swrl#" >
    <!ENTITY swrlb "http://www.w3.org/2003/11/swrlb#" >
    <!ENTITY xsd "http://www.w3.org/2001/XMLSchema#" >
    <!ENTITY rdfs "http://www.w3.org/2000/01/rdf-schema#" >
    <!ENTITY rdf "http://www.w3.org/1999/02/22-rdf-syntax-ns#" >
    <!ENTITY protege "http://protege.stanford.edu/plugins/owl/protege#" >
    <!ENTITY xsp "http://www.owl-ontologies.com/2005/08/07/xsp.owl#" >
    <!ENTITY swrla "http://swrl.stanford.edu/ontologies/3.3/swrla.owl#" >
    <!ENTITY abox "http://swrl.stanford.edu/ontologies/built-ins/3.3/abox.owl#" >
    <!ENTITY tbox "http://swrl.stanford.edu/ontologies/built-ins/3.3/tbox.owl#" >
    <!ENTITY swrlx "http://swrl.stanford.edu/ontologies/built-ins/3.3/swrlx.owl#" >
    <!ENTITY swrlm "http://swrl.stanford.edu/ontologies/built-ins/3.4/swrlm.owl#" >
    <!ENTITY sqwrl "http://sqwrl.stanford.edu/ontologies/built-ins/3.4/sqwrl.owl#" >
    <!ENTITY temporal "http://swrl.stanford.edu/ontologies/built-ins/3.3/temporal.owl#" >
]>

<rdf:RDF xmlns="http://localhost:8080/Axis2WSTest/axis2-web/MiniManager.owl#"
    xml:base="http://localhost:8080/Axis2WSTest/axis2-web/MiniManager.owl"
    xmlns:sqwrl="http://sqwrl.stanford.edu/ontologies/built-ins/3.4/sqwrl.owl#"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
    xmlns:protege="http://protege.stanford.edu/plugins/owl/protege#"
    xmlns:swrlb="http://www.w3.org/2003/11/swrlb#"
    xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"

```

```

xmlns:temporal="http://swrl.stanford.edu/ontologies/built-ins/3.3/temporal.owl#"
xmlns:owl="http://www.w3.org/2002/07/owl#"
xmlns:swrlx="http://swrl.stanford.edu/ontologies/built-ins/3.3/swrlx.owl#"
xmlns:abox="http://swrl.stanford.edu/ontologies/built-ins/3.3/abox.owl#"
xmlns:swrla="http://swrl.stanford.edu/ontologies/3.3/swrla.owl#"
xmlns:tbox="http://swrl.stanford.edu/ontologies/built-ins/3.3/tbox.owl#"
xmlns:xsp="http://www.owl-ontologies.com/2005/08/07/xsp.owl#"
xmlns:swrl="http://www.w3.org/2003/11/swrl#"
xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
xmlns:swrlm="http://swrl.stanford.edu/ontologies/built-ins/3.4/swrlm.owl#"
<owl:Ontology rdf:about="">
  <owl:imports rdf:resource="http://swrl.stanford.edu/ontologies/3.3/swrla.owl"/>
  <owl:imports rdf:resource="http://swrl.stanford.edu/ontologies/built-ins/3.3/swrlx.owl"/>
  <owl:imports rdf:resource="http://swrl.stanford.edu/ontologies/built-ins/3.3/tbox.owl"/>
  <owl:imports rdf:resource="http://swrl.stanford.edu/ontologies/built-ins/3.3/abox.owl"/>
  <owl:imports rdf:resource="http://swrl.stanford.edu/ontologies/built-ins/3.4/swrlm.owl"/>
  <owl:imports rdf:resource="http://swrl.stanford.edu/ontologies/built-ins/3.3/temporal.owl"/>
  <owl:imports rdf:resource="http://sqwrl.stanford.edu/ontologies/built-ins/3.4/sqwrl.owl"/>
</owl:Ontology>
<swrl:Variable rdf:ID="m"/>
<owl:DatatypeProperty rdf:ID="hasCapacity">
  <rdfs:domain rdf:resource="#MiniManager"/>
  <rdfs:range rdf:resource="&xsd:int"/>
</owl:DatatypeProperty>
<owl:Class rdf:ID="MiniManager">
<MiniManager rdf:ID="MiniManager_1">
  <hasCapacity rdf:datatype="&xsd:int">1000</hasCapacity>
</MiniManager>
<MiniManager rdf:ID="MiniManager_2">
  <hasCapacity rdf:datatype="&xsd:int">2000</hasCapacity>
</MiniManager>
<MiniManager rdf:ID="MiniManager_3">
  <hasCapacity rdf:datatype="&xsd:int">3000</hasCapacity>
</MiniManager>
</rdf:RDF>

```

## C createPlayService.owl

```

<?xml version="1.0" encoding="WINDOWS-1252"?>
<rdf:RDF
  xmlns:process="http://www.daml.org/services/owl-s/1.1/Process.owl#"
  xmlns:service="http://www.daml.org/services/owl-s/1.1/Service.owl#"
  xmlns:dc="http://purl.org/dc/elements/1.1/"
  xmlns:profile="http://www.daml.org/services/owl-s/1.1/Profile.owl#"
  xmlns:grounding="http://www.daml.org/services/owl-s/1.1/Grounding.owl#"
  xmlns:daml="http://www.daml.org/2001/03/daml+oil#"
  xmlns:expression="http://www.daml.org/services/owl-s/1.1/generic/Expression.owl#"
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:list="http://www.daml.org/services/owl-s/1.1/generic/ObjectList.owl#"
  xmlns:owl="http://www.w3.org/2002/07/owl#"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
  xmlns:swrl="http://www.w3.org/2003/11/swrl#"
  xmlns="http://localhost:8080/Axis2WSTest/axis2-web/createPlayService.owl"
  xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
xml:base="http://localhost:8080/Axis2WSTest/axis2-web/createPlayService.owl">
<service:Service rdf:ID="createPlayServiceService">
  <service:supports>
    <grounding:WsdlGrounding rdf:ID="createPlayServiceGrounding"/>
  </service:supports>
  <service:describedBy>
    <process:AtomicProcess rdf:ID="createPlayServiceProcess"/>
  </service:describedBy>
  <service:presents>
    <profile:Profile rdf:ID="createPlayServiceProfile"/>
  </service:presents>
</service:Service>
<profile:Profile rdf:about="#createPlayServiceProfile">
  <profile:textDescription>Auto generated from http://localhost:8080/Axis2WSTest/services/CreatePlayService?wsdl</profile:textDescription>
  <service:presentedBy rdf:resource="#createPlayServiceService"/>

```

```

<profile:hasInput>
  <process:Input rdf:ID="dummyInput">
    <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
      >http://www.w3.org/2001/XMLSchema#string </process:parameterType>
    <rdfs:label>dummyInput</rdfs:label>
  </process:Input>
</profile:hasInput>
<profile:hasOutput>
  <process:Output rdf:ID="return">
    <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
      >http://www.w3.org/2001/XMLSchema#string </process:parameterType>
    <rdfs:label>return</rdfs:label>
  </process:Output>
</profile:hasOutput>
<profile:serviceName>createPlayService</profile:serviceName>
</profile:Profile>
<process:AtomicProcess rdf:about="#createPlayServiceProcess">
  <process:hasOutput rdf:resource="#return"/>
  <process:hasInput rdf:resource="#dummyInput"/>
  <service:describes rdf:resource="#createPlayServiceService"/>
  <rdfs:label>createPlayServiceProcess</rdfs:label>
</process:AtomicProcess>
<grounding:WsdlGrounding rdf:about="#createPlayServiceGrounding">
  <service:supportedBy rdf:resource="#createPlayServiceService"/>
  <grounding:hasAtomicProcessGrounding>
    <grounding:WsdlAtomicProcessGrounding rdf:ID="createPlayServiceAtomicProcessGrounding"/>
  </grounding:hasAtomicProcessGrounding>
</grounding:WsdlGrounding>
<grounding:WsdlAtomicProcessGrounding rdf:about="#createPlayServiceAtomicProcessGrounding">
  <grounding:wsdlInput>
    <grounding:WsdlInputMessageMap>
      <grounding:owlsParameter rdf:resource="#dummyInput"/>
      <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/CreatePlayService?wsdl#dummyInput</grounding:wsdlMessagePart>
    </grounding:WsdlInputMessageMap>
  </grounding:wsdlInput>
  <grounding:wsdlOutputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://services#createPlayServiceResponse</grounding:wsdlOutputMessage>
  <grounding:wsdlInputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://services#createPlayServiceRequest</grounding:wsdlInputMessage>
  <grounding:wsdlOutput>
    <grounding:WsdlOutputMessageMap>
      <grounding:owlsParameter rdf:resource="#return"/>
      <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/CreatePlayService?wsdl#return</grounding:wsdlMessagePart>
    </grounding:WsdlOutputMessageMap>
  </grounding:wsdlOutput>
  <grounding:wsdlDocument rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://localhost:8080/Axis2WSTest/services/CreatePlayService?wsdl</grounding:wsdlDocument>
  <grounding:owlsProcess rdf:resource="#createPlayServiceProcess"/>
  <grounding:wsdlOperation>
    <grounding:WsdlOperationRef>
      <grounding:portType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/CreatePlayService?wsdl#createPlayServiceHttpSoap11Endpoint</grounding:portType>
      <grounding:operation rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/CreatePlayService?wsdl#createPlayService</grounding:operation>
    </grounding:WsdlOperationRef>
  </grounding:wsdlOperation>
</grounding:WsdlAtomicProcessGrounding>
</rdf:RDF>

```

## D pluginMainManagerService.owl

```

<?xml version="1.0" encoding="WINDOWS-1252"?>
<rdf:RDF
  xmlns:process="http://www.daml.org/services/owl-s/1.1/Process.owl#"
  xmlns:service="http://www.daml.org/services/owl-s/1.1/Service.owl#"
  xmlns:dc="http://purl.org/dc/elements/1.1/"
  xmlns:profile="http://www.daml.org/services/owl-s/1.1/Profile.owl#"
  xmlns:grounding="http://www.daml.org/services/owl-s/1.1/Grounding.owl#"
  xmlns:daml="http://www.daml.org/2001/03/daml+oil#"
  xmlns:expression="http://www.daml.org/services/owl-s/1.1/generic/Expression.owl#"
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns="http://localhost:8080/Axis2WSTest/axis2-web/pluginMainManagerService.owl"
  xmlns:list="http://www.daml.org/services/owl-s/1.1/generic/ObjectList.owl#"
  xmlns:owl="http://www.w3.org/2002/07/owl#"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
  xmlns:swrl="http://www.w3.org/2003/11/swrl#"
  xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
  xml:base="http://localhost:8080/Axis2WSTest/axis2-web/pluginMainManagerService.owl">

```

```

<service:Service rdf:ID="pluginMainManagerServiceService">
  <service:supports>
    <grounding:WsdlGrounding rdf:ID="pluginMainManagerServiceGrounding"/>
  </service:supports>
  <service:presents>
    <profile:Profile rdf:ID="pluginMainManagerServiceProfile"/>
  </service:presents>
  <service:describedBy>
    <process:AtomicProcess rdf:ID="pluginMainManagerServiceProcess"/>
  </service:describedBy>
</service:Service>
<profile:Profile rdf:about="#pluginMainManagerServiceProfile">
  <profile:hasInput>
    <process:Input rdf:ID="node">
      <rdfs:label>node</rdfs:label>
      <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://www.w3.org/2001/XMLSchema#string</process:parameterType>
    </process:Input>
  </profile:hasInput>
  <profile:textDescription>Auto generated from http://localhost:8080/Axis2WSTest/services/PluginMainManagerService?wsdl</profile:textDescription>
  <profile:serviceName>pluginMainManagerService</profile:serviceName>
  <profile:hasOutput>
    <process:Output rdf:ID="return">
      <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://www.w3.org/2001/XMLSchema#string</process:parameterType>
      <rdfs:label>return</rdfs:label>
    </process:Output>
  </profile:hasOutput>
  <service:presentedBy rdf:resource="#pluginMainManagerServiceService"/>
</profile:Profile>
<process:AtomicProcess rdf:about="#pluginMainManagerServiceProcess">
  <process:hasInput rdf:resource="#node"/>
  <process:hasOutput rdf:resource="#return"/>
  <rdfs:label>pluginMainManagerServiceProcess</rdfs:label>
  <service:describes rdf:resource="#pluginMainManagerServiceService"/>
</process:AtomicProcess>
<grounding:WsdlGrounding rdf:about="#pluginMainManagerServiceGrounding">
  <service:supportedBy rdf:resource="#pluginMainManagerServiceService"/>
  <grounding:hasAtomicProcessGrounding>
    <grounding:WsdlAtomicProcessGrounding rdf:ID="pluginMainManagerServiceAtomicProcessGrounding"/>
  </grounding:hasAtomicProcessGrounding>
</grounding:WsdlGrounding>
<grounding:WsdlAtomicProcessGrounding rdf:about="#pluginMainManagerServiceAtomicProcessGrounding">
  <grounding:wsdlOutput>
    <grounding:WsdlOutputMessageMap>
      <grounding:owlsParameter rdf:resource="#return"/>
      <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/PluginMainManagerService?wsdl#return</grounding:wsdlMessagePart>
    </grounding:WsdlOutputMessageMap>
  </grounding:wsdlOutput>
  <grounding:wsdlInput>
    <grounding:WsdlInputMessageMap>
      <grounding:owlsParameter rdf:resource="#node"/>
      <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/PluginMainManagerService?wsdl#node</grounding:wsdlMessagePart>
    </grounding:WsdlInputMessageMap>
  </grounding:wsdlInput>
  <grounding:owlsProcess rdf:resource="#pluginMainManagerServiceProcess"/>
  <grounding:wsdlOutputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://finalp#pluginMainManagerServiceResponse</grounding:wsdlOutputMessage>
  <grounding:wsdlInputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://finalp#pluginMainManagerServiceRequest</grounding:wsdlInputMessage>
  <grounding:wsdlDocument rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://localhost:8080/Axis2WSTest/services/PluginMainManagerService?wsdl</grounding:wsdlDocument>
  <grounding:wsdlOperation>
    <grounding:WsdlOperationRef>
      <grounding:portType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/PluginMainManagerService?wsdl#PluginMainManagerServiceHttpSoap11Endpoint</grounding:portType>
      <grounding:operation rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/PluginMainManagerService?wsdl#pluginMainManagerService</grounding:operation>
    </grounding:WsdlOperationRef>
  </grounding:wsdlOperation>
</grounding:WsdlAtomicProcessGrounding>
</rdf:RDF>

```

## E pluginMiniManagerService.owl

```

<?xml version="1.0" encoding="WINDOWS-1252"?>
<rdf:RDF
  xmlns:process="http://www.daml.org/services/owl-s/1.1/Process.owl#"

```

```

xmlns:service="http://www.daml.org/services/owl-s/1.1/Service.owl#"
xmlns:dc="http://purl.org/dc/elements/1.1/"
xmlns:profile="http://www.daml.org/services/owl-s/1.1/Profile.owl#"
xmlns:grounding="http://www.daml.org/services/owl-s/1.1/Grounding.owl#"
xmlns:daml="http://www.daml.org/2001/03/daml+oil#"
xmlns:expression="http://www.daml.org/services/owl-s/1.1/generic/Expression.owl#"
xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
xmlns="http://localhost:8080/Axis2WSTest/axis2-web/findMiniManager.owl"
xmlns:list="http://www.daml.org/services/owl-s/1.1/generic/ObjectList.owl#"
xmlns:owl="http://www.w3.org/2002/07/owl#"
xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
xmlns:swrl="http://www.w3.org/2003/11/swrl#"
xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
xml:base="http://localhost:8080/Axis2WSTest/axis2-web/pluginMiniManagerService.owl">
<service:Service rdf:ID="pluginMiniManagerService">
  <service:supports>
    <grounding:WsdlGrounding rdf:ID="pluginMiniManagerServiceGrounding"/>
  </service:supports>
  <service:describedBy>
    <process:AtomicProcess rdf:ID="pluginMiniManagerServiceProcess"/>
  </service:describedBy>
  <service:presents>
    <profile:Profile rdf:ID="pluginMiniManagerServiceProfile"/>
  </service:presents>
</service:Service>
<profile:Profile rdf:about="#pluginMiniManagerServiceProfile">
  <profile:hasInput>
    <process:Input rdf:ID="node">
      <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
      >http://www.w3.org/2001/XMLSchema#string</process:parameterType>
      <rdfs:label>node</rdfs:label>
    </process:Input>
  </profile:hasInput>
  <profile:hasOutput>
    <process:Output rdf:ID="return">
      <rdfs:label>return</rdfs:label>
      <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
      >http://www.w3.org/2001/XMLSchema#string</process:parameterType>
    </process:Output>
  </profile:hasOutput>
  <service:presentedBy rdf:resource="#pluginMiniManagerServiceService"/>
  <profile:textDescription>Auto generated from http://localhost:8080/Axis2WSTest/services/GetMiniManagerService?wsdl</profile:textDescription>
  <profile:serviceName>pluginMiniManagerService</profile:serviceName>
</profile:Profile>
<process:AtomicProcess rdf:about="#pluginMiniManagerServiceProcess">
  <process:hasOutput rdf:resource="#return"/>
  <process:hasInput rdf:resource="#node"/>
  <rdfs:label>pluginMiniManagerServiceProcess</rdfs:label>
  <service:describes rdf:resource="#pluginMiniManagerServiceService"/>
</process:AtomicProcess>
<grounding:WsdlGrounding rdf:about="#pluginMiniManagerServiceGrounding">
  <service:supportedBy rdf:resource="#pluginMiniManagerServiceService"/>
  <grounding:hasAtomicProcessGrounding>
    <grounding:WsdlAtomicProcessGrounding rdf:ID="pluginMiniManagerServiceAtomicProcessGrounding"/>
  </grounding:hasAtomicProcessGrounding>
</grounding:WsdlGrounding>
<grounding:WsdlAtomicProcessGrounding rdf:about="#pluginMiniManagerServiceAtomicProcessGrounding">
  <grounding:wsdlOutput>
    <grounding:WsdlOutputMessageMap>
      <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
      >http://localhost:8080/Axis2WSTest/services/GetMiniManagerService?wsdl#return</grounding:wsdlMessagePart>
      <grounding:owlsParameter rdf:resource="#return"/>
    </grounding:WsdlOutputMessageMap>
  </grounding:wsdlOutput>
  <grounding:wsdlDocument rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
  >http://localhost:8080/Axis2WSTest/services/GetMiniManagerService?wsdl</grounding:wsdlDocument>
  <grounding:wsdlOperation>
    <grounding:WsdlOperationRef>
      <grounding:portType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
      >http://localhost:8080/Axis2WSTest/services/GetMiniManagerService?wsdl#GetMiniManagerServiceHttpSoap11Endpoint</grounding:portType>
      <grounding:operation rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
      >http://localhost:8080/Axis2WSTest/services/GetMiniManagerService?wsdl#pluginMiniManagerService</grounding:operation>
    </grounding:WsdlOperationRef>
  </grounding:wsdlOperation>
  <grounding:wsdlInput>
    <grounding:WsdlInputMessageMap>
      <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
      >http://localhost:8080/Axis2WSTest/services/GetMiniManagerService?wsdl#node</grounding:wsdlMessagePart>
      <grounding:owlsParameter rdf:resource="#node"/>
    </grounding:WsdlInputMessageMap>
  </grounding:wsdlInput>
  <grounding:wsdlOutputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
  >http://services#pluginMiniManagerServiceResponse</grounding:wsdlOutputMessage>

```

```

    <grounding:wsdlInputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://services#pluginMiniManagerServiceRequest </grounding:wsdlInputMessage>
    <grounding:owlsProcess rdf:resource="#pluginMiniManagerServiceProcess"/>
  </grounding:WsdAtomicProcessGrounding>
</rdf:RDF>

```

## F GetMibDefService.owl

```

<?xml version="1.0" encoding="WINDOWS-1252"?>
<rdf:RDF
  xmlns:process="http://www.daml.org/services/owl-s/1.1/Process.owl#"
  xmlns:service="http://www.daml.org/services/owl-s/1.1/Service.owl#"
  xmlns:dc="http://purl.org/dc/elements/1.1/"
  xmlns:profile="http://www.daml.org/services/owl-s/1.1/Profile.owl#"
  xmlns:grounding="http://www.daml.org/services/owl-s/1.1/Grounding.owl#"
  xmlns:daml="http://www.daml.org/2001/03/daml+oil#"
  xmlns:expression="http://www.daml.org/services/owl-s/1.1/generic/Expression.owl#"
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:list="http://www.daml.org/services/owl-s/1.1/generic/ObjectList.owl#"
  xmlns="http://localhost:8080/Axis2WSTest/axis2-web/GetMibDefService.owl"
  xmlns:owl="http://www.w3.org/2002/07/owl#"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
  xmlns:swrl="http://www.w3.org/2003/11/swrl#"
  xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
  xml:base="http://localhost:8080/Axis2WSTest/axis2-web/GetMibDefService.owl">

  <owl:Ontology rdf:about="">
<owl:imports rdf:resource="http://www.daml.org/services/owl-s/1.1/Service.owl"/>
<owl:imports rdf:resource="http://www.daml.org/services/owl-s/1.1/Profile.owl"/>
<owl:imports rdf:resource="http://www.daml.org/services/owl-s/1.1/Process.owl"/>
<owl:imports rdf:resource="http://www.daml.org/services/owl-s/1.1/Grounding.owl"/>
</owl:Ontology>

  <service:Service rdf:ID="GetMibDefService">
    <service:supports>
      <grounding:WsdGrounding rdf:ID="GetMibDefGrounding"/>
    </service:supports>
    <service:presents>
      <profile:Profile rdf:ID="GetMibDefProfile"/>
    </service:presents>
    <service:describedBy>
      <process:AtomicProcess rdf:ID="GetMibDefProcess"/>
    </service:describedBy>
  </service:Service>
<profile:Profile rdf:about="#GetMibDefProfile">
  <profile:textDescription>Auto generated from http://localhost:8080/Axis2WSTest/services/GetMibDefService?wsdl</profile:textDescription>
  <profile:hasInput>
    <process:Input rdf:ID="alias">
      <rdfs:label>alias</rdfs:label>
      <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/axis2-web/MIB.owl#Alias</process:parameterType>
    </process:Input>
  </profile:hasInput>
  <profile:hasOutput>
    <process:Output rdf:ID="return">
      <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/axis2-web/MIB.owl#MibDefs</process:parameterType>
      <rdfs:label>return</rdfs:label>
    </process:Output>
  </profile:hasOutput>
  <service:presentedBy rdf:resource="#GetMibDefService"/>
  <profile:serviceName>GetMibDef</profile:serviceName>
</profile:Profile>
<process:AtomicProcess rdf:about="#GetMibDefProcess">
  <service:describes rdf:resource="#GetMibDefService"/>
  <rdfs:label>GetMibDefProcess</rdfs:label>
  <process:hasOutput rdf:resource="#return"/>
  <process:hasInput rdf:resource="#alias"/>
</process:AtomicProcess>
<grounding:WsdGrounding rdf:about="#GetMibDefGrounding">
  <grounding:hasAtomicProcessGrounding>
    <grounding:WsdAtomicProcessGrounding rdf:ID="GetMibDefAtomicProcessGrounding"/>
  </grounding:hasAtomicProcessGrounding>
  <service:supportedBy rdf:resource="#GetMibDefService"/>
</grounding:WsdGrounding>
<grounding:WsdAtomicProcessGrounding rdf:about="#GetMibDefAtomicProcessGrounding">
  <grounding:wsdlDocument rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://localhost:8080/Axis2WSTest/services/GetMibDefService?wsdl</grounding:wsdlDocument>
  <grounding:wsdlOperation>
    <grounding:WsdOperationRef>

```

```

        <grounding:operation rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/GetMibDefService?wsdl#GetMibDef</grounding:operation>
        <grounding:portType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/GetMibDefService?wsdl#GetMibDefServiceHttpSoap11Endpoint</grounding:portType>
    </grounding:WsdOperationRef>
</grounding:wsdlOperation>
<grounding:owlsProcess rdf:resource="#GetMibDefProcess"/>
<grounding:wsdlOutput>
    <grounding:WsdOutputMessageMap>
        <grounding:owlsParameter rdf:resource="#return"/>
        <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/GetMibDefService?wsdl#return</grounding:wsdlMessagePart>
        <grounding:xsltTransformationString>
            <![CDATA[

                <xsl:stylesheet xmlns:ns1="http://localhost:8080/Axis2WSTest/axis2-web/MIB.owl#"
                xmlns:xsl="http://www.w3.org/1999/XSL/Transform" xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
                xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
                ns1:dummyd="
                version="1.0">

                <xsl:template match="/">

                    <xsl:variable name="X1" select="."/>
                    <rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
                    xmlns:mib="http://localhost:8080/Axis2WSTest/axis2-web/MIB.owl#">
                        <mib:MibDefs>
                            <mib:hasStringRepresentation>
                                <xsl:value-of select="$X1"/>
                            </mib:hasStringRepresentation>
                        </mib:MibDefs>
                    </rdf:RDF>
                </xsl:template>
            </xsl:stylesheet>

            ]]>
        </grounding:xsltTransformationString>
    </grounding:WsdOutputMessageMap>
</grounding:wsdlOutput>
<grounding:wsdlInput>
    <grounding:WsdInputMessageMap>
        <grounding:owlsParameter rdf:resource="#alias"/>
        <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/GetMibDefService?wsdl#alias</grounding:wsdlMessagePart>
        <grounding:xsltTransformationString>
            <![CDATA[

                <xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform" xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#" />
            ]]>
        </grounding:xsltTransformationString>
    </grounding:WsdInputMessageMap>
</grounding:wsdlInput>
<grounding:wsdlInputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
>http://services#GetMibDefRequest</grounding:wsdlInputMessage>
<grounding:wsdlOutputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
>http://services#GetMibDefResponse</grounding:wsdlOutputMessage>
</grounding:WsdAtomicProcessGrounding>
<owl:Class rdf:about="MIB.owlMibDefs"/>
</rdf:RDF>

```

## G snmpQueryService.owl

```

<?xml version="1.0" encoding="WINDOWS-1252"?>
<rdf:RDF
    xmlns:process="http://www.daml.org/services/owl-s/1.1/Process.owl#"
    xmlns:service="http://www.daml.org/services/owl-s/1.1/Service.owl#"
    xmlns:dc="http://purl.org/dc/elements/1.1/"
    xmlns:profile="http://www.daml.org/services/owl-s/1.1/Profile.owl#"
    xmlns="http://localhost:8080/Axis2WSTest/axis2-web/snmpQueryService.owl"
    xmlns:grounding="http://www.daml.org/services/owl-s/1.1/Grounding.owl#"
    xmlns:daml="http://www.daml.org/2001/03/daml+oil#"
    xmlns:expression="http://www.daml.org/services/owl-s/1.1/generic/Expression.owl#"
    xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
    xmlns:list="http://www.daml.org/services/owl-s/1.1/generic/ObjectList.owl#"
    xmlns:owl="http://www.w3.org/2002/07/owl#"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
    xmlns:swrl="http://www.w3.org/2003/11/swrl#"
    xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
xml:base="http://localhost:8080/Axis2WSTest/axis2-web/snmpQueryService.owl">
    <service:Service rdf:ID="snmpQueryService">
        <service:supports>
            <grounding:WsdGrounding rdf:ID="snmpQueryServiceGrounding"/>
        </service:supports>
        <service:presents>

```



```

    <profile:Profile rdf:ID="snmpQueryServiceProfile"/>
  </service:presents>
  <service:describedBy>
    <process:AtomicProcess rdf:ID="snmpQueryServiceProcess"/>
  </service:describedBy>
</service:Service>
<profile:Profile rdf:ID="snmpQueryServiceProfile">
  <profile:serviceName>snmpQueryService</profile:serviceName>
  <profile:hasInput>
    <process:Input rdf:ID="MIBDef">
      <rdfs:label>MIBDef</rdfs:label>
      <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/axis2-web/MIB.owl#MibObject</process:parameterType>
    </process:Input>
  </profile:hasInput>
  <profile:textDescription>Auto generated from http://localhost:8080/Axis2WSTest/services/SNMPQueryService?wsdl</profile:textDescription>
  <profile:hasOutput>
    <process:Output rdf:ID="return">
      <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://www.w3.org/2001/XMLSchema#string</process:parameterType>
      <rdfs:label>return</rdfs:label>
    </process:Output>
  </profile:hasOutput>
  <profile:hasInput>
    <process:Input rdf:ID="node">
      <rdfs:label>node</rdfs:label>
      <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://www.w3.org/2001/XMLSchema#string</process:parameterType>
    </process:Input>
  </profile:hasInput>
</profile:Profile>
<process:AtomicProcess rdf:ID="snmpQueryServiceProcess">
  <process:hasInput rdf:resource="#MIBDef"/>
  <process:hasOutput rdf:resource="#return"/>
  <rdfs:label>snmpQueryServiceProcess</rdfs:label>
  <process:hasInput rdf:resource="#node"/>
</process:AtomicProcess>
<grounding:WsdGrounding rdf:ID="snmpQueryServiceGrounding">
  <grounding:hasAtomicProcessGrounding>
    <grounding:WsdAtomicProcessGrounding rdf:ID="snmpQueryServiceAtomicProcessGrounding"/>
  </grounding:hasAtomicProcessGrounding>
</grounding:WsdGrounding>
<grounding:WsdAtomicProcessGrounding rdf:about="#snmpQueryServiceAtomicProcessGrounding">
  <grounding:wsdlInput>
    <grounding:WsdInputMessageMap>
      <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/SNMPQueryService?wsdl#node</grounding:wsdlMessagePart>
      <grounding:owlsParameter rdf:resource="#node"/>
    </grounding:WsdInputMessageMap>
  </grounding:wsdlInput>
  <grounding:wsdlOutput>
    <grounding:WsdOutputMessageMap>
      <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/SNMPQueryService?wsdl#return</grounding:wsdlMessagePart>
      <grounding:owlsParameter rdf:resource="#return"/>
    </grounding:WsdOutputMessageMap>
  </grounding:wsdlOutput>
  <grounding:wsdlInput>
    <grounding:WsdInputMessageMap>
      <grounding:owlsParameter rdf:resource="#MIBDef"/>
      <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/SNMPQueryService?wsdl#MIBDef</grounding:wsdlMessagePart>
    </grounding:WsdInputMessageMap>
  </grounding:wsdlInput>
  <grounding:wsdlDocument rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://localhost:8080/Axis2WSTest/services/SNMPQueryService?wsdl</grounding:wsdlDocument>
  <grounding:wsdlOutputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://finalp#snmpQueryServiceResponse</grounding:wsdlOutputMessage>
  <grounding:wsdlInputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://finalp#snmpQueryServiceRequest</grounding:wsdlInputMessage>
</grounding:WsdAtomicProcessGrounding>
<owl:Class rdf:about="MIB.owlMibObject"/>
</rdf:RDF>

```

## H plugoutMiniManagerService.owl

```

<?xml version="1.0" encoding="WINDOWS-1252"?>
<rdf:RDF
  xmlns:process="http://www.daml.org/services/owl-s/1.1/Process.owl#"
  xmlns="http://localhost:8080/Axis2WSTest/axis2-web/plugoutMiniManagerService.owl"

```

```

xmlns:service="http://www.daml.org/services/owl-s/1.1/Service.owl#"
xmlns:dc="http://purl.org/dc/elements/1.1/"
xmlns:profile="http://www.daml.org/services/owl-s/1.1/Profile.owl#"
xmlns:grounding="http://www.daml.org/services/owl-s/1.1/Grounding.owl#"
xmlns:daml="http://www.daml.org/2001/03/daml+oil#"
xmlns:expression="http://www.daml.org/services/owl-s/1.1/generic/Expression.owl#"
xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
xmlns:list="http://www.daml.org/services/owl-s/1.1/generic/ObjectList.owl#"
xmlns:owl="http://www.w3.org/2002/07/owl#"
xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
xmlns:swrl="http://www.w3.org/2003/11/swrl#"
xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
xml:base="http://localhost:8080/Axis2WSTest/axis2-web/plugoutMiniManagerService.owl">
<service:Service rdf:ID="plugoutMiniManagerService">
  <service:supports>
    <grounding:WsdlGrounding rdf:ID="plugoutMiniManagerServiceGrounding"/>
  </service:supports>
  <service:describedBy>
    <process:AtomicProcess rdf:ID="plugoutMiniManagerServiceProcess"/>
  </service:describedBy>
  <service:presents>
    <profile:Profile rdf:ID="plugoutMiniManagerServiceProfile"/>
  </service:presents>
</service:Service>
<profile:Profile rdf:about="#plugoutMiniManagerServiceProfile">
  <service:presentedBy rdf:resource="#plugoutMiniManagerServiceService"/>
  <profile:hasOutput>
    <process:Output rdf:ID="return">
      <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://www.w3.org/2001/XMLSchema#string </process:parameterType>
      <rdfs:label>return</rdfs:label>
    </process:Output>
  </profile:hasOutput>
  <profile:hasInput>
    <process:Input rdf:ID="node">
      <rdfs:label>node</rdfs:label>
      <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://www.w3.org/2001/XMLSchema#string </process:parameterType>
    </process:Input>
  </profile:hasInput>
  <profile:textDescription>Auto generated from http://localhost:8080/Axis2WSTest/services/PlugoutMiniManagerService?wsdl</profile:textDescription>
  <profile:serviceName>plugoutMiniManagerService</profile:serviceName>
</profile:Profile>
<process:AtomicProcess rdf:about="#plugoutMiniManagerServiceProcess">
  <process:hasOutput rdf:resource="#return"/>
  <process:hasInput rdf:resource="#node"/>
  <service:describes rdf:resource="#plugoutMiniManagerServiceService"/>
  <rdfs:label>plugoutMiniManagerServiceProcess</rdfs:label>
</process:AtomicProcess>
<grounding:WsdlGrounding rdf:about="#plugoutMiniManagerServiceGrounding">
  <grounding:hasAtomicProcessGrounding>
    <grounding:WsdlAtomicProcessGrounding rdf:ID="plugoutMiniManagerServiceAtomicProcessGrounding"/>
  </grounding:hasAtomicProcessGrounding>
  <service:supportedBy rdf:resource="#plugoutMiniManagerServiceService"/>
</grounding:WsdlGrounding>
<grounding:WsdlAtomicProcessGrounding rdf:about="#plugoutMiniManagerServiceAtomicProcessGrounding">
  <grounding:wsdlOutputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://finalp#plugoutMiniManagerServiceResponse</grounding:wsdlOutputMessage>
  <grounding:wsdlDocument rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://localhost:8080/Axis2WSTest/services/PlugoutMiniManagerService?wsdl</grounding:wsdlDocument>
  <grounding:owlsProcess rdf:resource="#plugoutMiniManagerServiceProcess"/>
  <grounding:wsdlOutput>
    <grounding:WsdlOutputMessageMap>
      <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/PlugoutMiniManagerService?wsdl#return</grounding:wsdlMessagePart>
      <grounding:owlsParameter rdf:resource="#return"/>
    </grounding:WsdlOutputMessageMap>
  </grounding:wsdlOutput>
  <grounding:wsdlInput>
    <grounding:WsdlInputMessageMap>
      <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/PlugoutMiniManagerService?wsdl#node</grounding:wsdlMessagePart>
      <grounding:owlsParameter rdf:resource="#node"/>
    </grounding:WsdlInputMessageMap>
  </grounding:wsdlInput>
  <grounding:wsdlOperation>
    <grounding:WsdlOperationRef>
      <grounding:operation rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/PlugoutMiniManagerService?wsdl#plugoutMiniManagerService</grounding:operation>
      <grounding:portType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/PlugoutMiniManagerService?wsdl#PlugoutMiniManagerServiceHttpSoap11Endpoint</grounding:portType>
    </grounding:WsdlOperationRef>
  </grounding:wsdlOperation>

```

```

    <grounding:wsdlInputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://finalp#plugoutMiniManagerServiceRequest</grounding:wsdlInputMessage>
  </grounding:WsdAtomicProcessGrounding>
</rdf:RDF>

```

## I plugoutMainManagerService.owl

```

<?xml version="1.0" encoding="WINDOWS-1252"?>
<rdf:RDF
  xmlns:process="http://www.daml.org/services/owl-s/1.1/Process.owl#"
  xmlns:service="http://www.daml.org/services/owl-s/1.1/Service.owl#"
  xmlns:dc="http://purl.org/dc/elements/1.1/"
  xmlns:profile="http://www.daml.org/services/owl-s/1.1/Profile.owl#"
  xmlns:grounding="http://www.daml.org/services/owl-s/1.1/Grounding.owl#"
  xmlns="http://localhost:8080/Axis2WSTest/axis2-web/plugOutMainManagerService.owl"
  xmlns:daml="http://www.daml.org/2001/03/daml+oil#"
  xmlns:expression="http://www.daml.org/services/owl-s/1.1/generic/Expression.owl#"
  xmlns:rdfs="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:list="http://www.daml.org/services/owl-s/1.1/generic/ObjectList.owl#"
  xmlns:owl="http://www.w3.org/2002/07/owl#"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
  xmlns:swrl="http://www.w3.org/2003/11/swrl#"
  xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
  xml:base="http://localhost:8080/Axis2WSTest/axis2-web/plugOutMainManagerService.owl">
  <service:Service rdf:ID="plugOutMainManagerService">
    <service:describedBy>
      <process:AtomicProcess rdf:ID="plugOutMainManagerServiceProcess"/>
    </service:describedBy>
    <service:supports>
      <grounding:WsdGrounding rdf:ID="plugOutMainManagerServiceGrounding"/>
    </service:supports>
    <service:presents>
      <profile:Profile rdf:ID="plugOutMainManagerServiceProfile"/>
    </service:presents>
  </service:Service>
  <profile:Profile rdf:about="#plugOutMainManagerServiceProfile">
    <profile:hasOutput>
      <process:Output rdf:ID="return">
        <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://www.w3.org/2001/XMLSchema#boolean</process:parameterType>
        <rdfs:label>return</rdfs:label>
      </process:Output>
    </profile:hasOutput>
    <profile:textDescription>Auto generated from http://localhost:8080/Axis2WSTest/services/PlugoutMainManagerService?wsdl</profile:textDescription>
    <profile:hasInput>
      <process:Input rdf:ID="actor">
        <rdfs:label>actor</rdfs:label>
        <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://www.w3.org/2001/XMLSchema#string</process:parameterType>
      </process:Input>
    </profile:hasInput>
    <profile:serviceName>plugOutMainManagerService</profile:serviceName>
    <service:presentedBy rdf:resource="#plugOutMainManagerServiceService"/>
  </profile:Profile>
  <process:AtomicProcess rdf:about="#plugOutMainManagerServiceProcess">
    <process:hasOutput rdf:resource="#return"/>
    <rdfs:label>plugOutMainManagerServiceProcess</rdfs:label>
    <process:hasInput rdf:resource="#actor"/>
    <service:describes rdf:resource="#plugOutMainManagerServiceService"/>
  </process:AtomicProcess>
  <grounding:WsdGrounding rdf:about="#plugOutMainManagerServiceGrounding">
    <grounding:hasAtomicProcessGrounding>
      <grounding:WsdAtomicProcessGrounding rdf:ID="plugOutMainManagerServiceAtomicProcessGrounding"/>
    </grounding:hasAtomicProcessGrounding>
    <service:supportedBy rdf:resource="#plugOutMainManagerServiceService"/>
  </grounding:WsdGrounding>
  <grounding:WsdAtomicProcessGrounding rdf:about="#plugOutMainManagerServiceAtomicProcessGrounding">
    <grounding:wsdlOutputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://finalp#plugOutMainManagerServiceResponse</grounding:wsdlOutputMessage>
    <grounding:wsdlInputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
    >http://finalp#plugOutMainManagerServiceRequest</grounding:wsdlInputMessage>
    <grounding:wsdlOutput>
      <grounding:WsdOutputMessageMap>
        <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/PlugoutMainManagerService?wsdl#return</grounding:wsdlMessagePart>
        <grounding:owlsParameter rdf:resource="#return"/>
      </grounding:WsdOutputMessageMap>
    </grounding:wsdlOutput>
    <grounding:wsdlInput>
      <grounding:WsdInputMessageMap>

```

```

        <grounding:owlsParameter rdf:resource="#actor"/>
        <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/PlugoutMainManagerService?wsdl#actor</grounding:wsdlMessagePart>
    </grounding:WsdliInputMessageMap>
</grounding:wsdlInput>
<grounding:wsdlDocument rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
>http://localhost:8080/Axis2WSTest/services/PlugoutMainManagerService?wsdl</grounding:wsdlDocument>
<grounding:owlsProcess rdf:resource="#plugOutMainManagerServiceProcess"/>
<grounding:wsdlOperation>
    <grounding:WsdliOperationRef>
        <grounding:operation rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/PlugoutMainManagerService?wsdl#plugOutMainManagerService</grounding:operation>
        <grounding:portType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/services/PlugoutMainManagerService?wsdl#PlugoutMainManagerServiceHttpSoap11Endpoint</grounding:portType>
    </grounding:WsdliOperationRef>
</grounding:wsdlOperation>
</grounding:WsdliAtomicProcessGrounding>
</rdf:RDF>

```

## J StopPlayService.owl

```

<?xml version="1.0" encoding="WINDOWS-1252"?>
<rdf:RDF
    xmlns:process="http://www.daml.org/services/owl-s/1.1/Process.owl#"
    xmlns:service="http://www.daml.org/services/owl-s/1.1/Service.owl#"
    xmlns:dc="http://purl.org/dc/elements/1.1/"
    xmlns:profile="http://www.daml.org/services/owl-s/1.1/Profile.owl#"
    xmlns:grounding="http://www.daml.org/services/owl-s/1.1/Grounding.owl#"
    xmlns:daml="http://www.daml.org/2001/03/daml+oil#"
    xmlns:expression="http://www.daml.org/services/owl-s/1.1/generic/Expression.owl#"
    xmlns="http://localhost:8080/Axis2WSTest/axis2-web/stopPlayService.owl"
    xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
    xmlns:list="http://www.daml.org/services/owl-s/1.1/generic/ObjectList.owl#"
    xmlns:owl="http://www.w3.org/2002/07/owl#"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
    xmlns:swrl="http://www.w3.org/2003/11/swrl#"
    xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
    xml:base="http://localhost:8080/Axis2WSTest/axis2-web/stopPlayService.owl">
    <service:Service rdf:ID="stopPlayServiceService">
        <service:presents>
            <profile:Profile rdf:ID="stopPlayServiceProfile"/>
        </service:presents>
        <service:describedBy>
            <process:AtomicProcess rdf:ID="stopPlayServiceProcess"/>
        </service:describedBy>
        <service:supports>
            <grounding:WsdliGrounding rdf:ID="stopPlayServiceGrounding"/>
        </service:supports>
    </service:Service>
    <profile:Profile rdf:about="#stopPlayServiceProfile">
        <profile:hasOutput>
            <process:Output rdf:ID="return">
                <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
                >http://www.w3.org/2001/XMLSchema#string</process:parameterType>
                <rdfs:label>return</rdfs:label>
            </process:Output>
        </profile:hasOutput>
        <profile:serviceName>stopPlayService</profile:serviceName>
        <service:presentedBy rdf:resource="#stopPlayServiceService"/>
        <profile:textDescription>Auto generated from http://localhost:8080/Axis2WSTest/services/StopPlayService?wsdl</profile:textDescription>
        <profile:hasInput>
            <process:Input rdf:ID="dummyInput">
                <rdfs:label>dummyInput</rdfs:label>
                <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
                >http://www.w3.org/2001/XMLSchema#string</process:parameterType>
            </process:Input>
        </profile:hasInput>
    </profile:Profile>
    <process:AtomicProcess rdf:about="#stopPlayServiceProcess">
        <rdfs:label>stopPlayServiceProcess</rdfs:label>
        <process:hasOutput rdf:resource="#return"/>
        <service:describes rdf:resource="#stopPlayServiceService"/>
        <process:hasInput rdf:resource="#dummyInput"/>
    </process:AtomicProcess>
    <grounding:WsdliGrounding rdf:about="#stopPlayServiceGrounding">
        <grounding:hasAtomicProcessGrounding>
            <grounding:WsdliAtomicProcessGrounding rdf:ID="stopPlayServiceAtomicProcessGrounding"/>
        </grounding:hasAtomicProcessGrounding>
        <service:supportedBy rdf:resource="#stopPlayServiceService"/>
    </grounding:WsdliGrounding>

```

```

<grounding:WsdAtomicProcessGrounding rdf:about="#stopPlayServiceAtomicProcessGrounding">
  <grounding:wsdlInputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
  >http://localhost:8080/Axis2WSTest/services/StopPlayServiceRequest</grounding:wsdlInputMessage>
  <grounding:wsdlInput>
    <grounding:WsdInputMessageMap>
      <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
      >http://localhost:8080/Axis2WSTest/services/StopPlayService?wsdl#dummyInput</grounding:wsdlMessagePart>
      <grounding:owlsParameter rdf:resource="#dummyInput"/>
    </grounding:WsdInputMessageMap>
  </grounding:wsdlInput>
  <grounding:wsdlDocument rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
  >http://localhost:8080/Axis2WSTest/services/StopPlayService?wsdl</grounding:wsdlDocument>
  <grounding:wsdlOutputMessage rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
  >http://localhost:8080/Axis2WSTest/services/StopPlayServiceResponse</grounding:wsdlOutputMessage>
  <grounding:wsdlOperation>
    <grounding:WsdOperationRef>
      <grounding:portType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
      >http://localhost:8080/Axis2WSTest/services/StopPlayServiceHttpSoap11Endpoint</grounding:portType>
      <grounding:operation rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
      >http://localhost:8080/Axis2WSTest/services/StopPlayService?wsdl#stopPlayService</grounding:operation>
    </grounding:WsdOperationRef>
  </grounding:wsdlOperation>
  <grounding:wsdlOutput>
    <grounding:WsdOutputMessageMap>
      <grounding:owlsParameter rdf:resource="#return"/>
      <grounding:wsdlMessagePart rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
      >http://localhost:8080/Axis2WSTest/services/StopPlayService?wsdl#return</grounding:wsdlMessagePart>
    </grounding:WsdOutputMessageMap>
  </grounding:wsdlOutput>
  <grounding:owlsProcess rdf:resource="#stopPlayServiceProcess"/>
</grounding:WsdAtomicProcessGrounding>
</rdf:RDF>

```

## K Composed Service of GetMibDefService.owl and SNMPQueryService.owl

```

<?xml version="1.0"?>
<rdf:RDF
  xmlns:process="http://www.daml.org/services/owl-s/1.1/Process.owl#"
  xmlns:service="http://www.daml.org/services/owl-s/1.1/Service.owl#"
  xmlns:dc="http://purl.org/dc/elements/1.1/"
  xmlns:profile="http://www.daml.org/services/owl-s/1.1/Profile.owl#"
  xmlns:grounding="http://www.daml.org/services/owl-s/1.1/Grounding.owl#"
  xmlns:daml="http://www.daml.org/2001/03/daml+oil#"
  xmlns:expression="http://www.daml.org/services/owl-s/1.1/generic/Expression.owl#"
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:list="http://www.daml.org/services/owl-s/1.1/generic/ObjectList.owl#"
  xmlns:owl="http://www.w3.org/2002/07/owl#"
  xmlns="http://localhost:8080/Axis2WSTest/axis2-web/ExecuteQuery.owl#"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
  xmlns:swrl="http://www.w3.org/2003/11/swrl#"
  xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
  xml:base="http://localhost:8080/Axis2WSTest/axis2-web/ExecuteQuery.owl#">
  <service:Service rdf:ID="GetMibDef_SNMPQueryService">
    <service:supports>
      <grounding:WsdGrounding rdf:ID="GetMibDef_SNMPQueryGrounding"/>
    </service:supports>
    <service:presents>
      <profile:Profile rdf:ID="GetMibDef_SNMPQueryProfile"/>
    </service:presents>
    <service:describedBy>
      <process:CompositeProcess rdf:ID="GetMibDef_SNMPQueryProcess"/>
    </service:describedBy>
  </service:Service>
  <profile:Profile rdf:about="#GetMibDef_SNMPQueryProfile">
    <profile:hasInput>
      <process:Input rdf:ID="TestInput">
        <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/axis2-web/MIB.owl#Alias</process:parameterType>
        <rdfs:label>alias</rdfs:label>
      </process:Input>
    </profile:hasInput>
    <profile:hasOutput>
      <process:Output rdf:ID="TestOutput">
        <rdfs:label>return</rdfs:label>
        <process:parameterType rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI"
        >http://localhost:8080/Axis2WSTest/axis2-web/MIB.owl#MibDefs</process:parameterType>
      </process:Output>
    </profile:hasOutput>
    <service:presentedBy rdf:resource="#GetMibDef_SNMPQueryService"/>
    <profile:textDescription>[null]</profile:textDescription>
  </profile:Profile>

```

```

<rdfls:label>[null]</rdfls:label>
</profile:Profile>
<process:CompositeProcess rdf:about="#GetMibDef.SNMPqueryProcess">
  <process:hasResult>
    <process:Result>
      <process:withOutput>
        <process:OutputBinding>
          <process:toParam rdf:resource="#TestOutput"/>
          <process:valueSource>
            <process:ValueOf>
              <process:theVar rdf:resource="GetMibDefService.owl#return"/>
              <process:fromProcess>
                <process:Perform rdf:nodeID="A0"/>
              </process:fromProcess>
            </process:ValueOf>
          </process:valueSource>
        </process:OutputBinding>
      </process:withOutput>
    </process:Result>
  </process:hasResult>
  <process:hasOutput rdf:resource="#TestOutput"/>
  <process:hasInput rdf:resource="#TestInput"/>
  <service:describes rdf:resource="#GetMibDef.SNMPqueryService"/>
  <process:composedOf>
    <process:Sequence>
      <process:components>
        <process:ControlConstructList>
          <list:rest rdf:resource="http://www.daml.org/services/owl-s/1.1/generic/ObjectList.owl#nil"/>
          <list:first>
            <process:Perform rdf:nodeID="A0"/>
          </list:first>
        </process:ControlConstructList>
      </process:components>
    </process:Sequence>
  </process:composedOf>
</process:CompositeProcess>
<process:Perform rdf:nodeID="A0">
  <process:hasDataFrom>
    <process:InputBinding>
      <process:toParam rdf:resource="GetMibDefService.owl#alias"/>
      <process:valueSource>
        <process:ValueOf>
          <process:fromProcess rdf:resource="http://www.daml.org/services/owl-s/1.1/Process.owl#TheParentPerform"/>
          <process:theVar rdf:resource="#TestInput"/>
        </process:ValueOf>
      </process:valueSource>
    </process:InputBinding>
  </process:hasDataFrom>
  <process:process rdf:resource="GetMibDefService.owl#GetMibDefProcess"/>
</process:Perform>
<grounding:WsdIGrounding rdf:about="#GetMibDef.SNMPqueryGrounding">
  <grounding:hasAtomicProcessGrounding rdf:resource="GetMibDefService.owl#GetMibDefAtomicProcessGrounding"/>
  <service:supportedBy rdf:resource="#GetMibDef.SNMPqueryService"/>
</grounding:WsdIGrounding>
</rdf:RDF>

```