

## **Verifica applicazioni orientate ai servizi e WSDL**

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Disciplina:	TECNOLOGIE E PROGETTAZIONE	Durata:	50 min.

7. Dato il file WSDL riportato nelle pagine seguenti fornire la descrizione dettagliata del Web Service in termini di:
1. nome del name space che identifica il Web Service
  2. descrizione dei vari messaggi
  3. esempi di chiamata delle operazioni in esso descritto

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<?xml version="1.0" encoding="UTF-8"?>
<definitions name="WSApp"
    targetNamespace="http://app.giodabg.org/"
    xmlns="http://schemas.xmlsoap.org/wsdl/"
    xmlns:xs="http://www.w3.org/2001/XMLSchema"
    xmlns:tns="http://app.giodabg.org/"
    xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
    xmlns:wsam="http://www.w3.org/2007/05/addressing/metadata">

    <types>
        <xs:element type="tns:numListType" name="numListType"/>
        <xs:element type="tns:numType" name="numType"/>
        <xs:element type="tns:percorso" name="percorso"/>
        <xs:element type="tns:citta" name="citta"/>

        <xs:complexType name="percorso">
            <xs:sequence>
                <xs:element type="xs:string" name="partenza"/>
                <xs:element type="xs:string" name="arrivo"/>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="citta">
            <xs:sequence>
                <xs:element type="xs:string" name="return" minOccurs="0"
maxOccurs="unbounded"/>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="numListType">
            <xs:sequence>
                <xs:element type="xs:string" name="type"/>
            </xs:sequence>
        </xs:complexType>

        <xs:complexType name="numType">
            <xs:sequence>
                <xs:element type="xs:int" name="return"/>
            </xs:sequence>
        </xs:complexType>
    </types>

    <message name="percorso">
        <part name="parameters" element="tns:percorso"/>
    </message>
    <message name="citta">
        <part name="parameters" element="tns:citta"/>
    </message>
    <message name="numListType">
        <part name="parameters" element="tns:numListType"/>
    </message>
    <message name="numType">

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    <part name="parameters" element="tns:numType"/>
</message>

<portType name="WSApp">
  <operation name="getPercorso">
    <input message="tns:percorso" wsam:Action="http://app..."/>
    <output message="tns:citta" wsam:Action="http://app..."/>
  </operation>
  <operation name="getNumListType">
    <input message="tns:numListType"
wsam:Action="http://app..."/>
    <output message="tns:numType" wsam:Action="http://app..."/>
  </operation>
</portType>

<binding name="WSAppPortBinding" type="tns:WSApp">
  <soap:binding style="document"
    transport="http://schemas.xmlsoap.org/soap/http"/>
  <operation name="getPercorso">
    <soap:operation soapAction=""/>
    <input>
      <soap:body use="literal"/>
    </input>
    <output>
      <soap:body use="literal"/>
    </output>
  </operation>
  <operation name="getNumListType">
    <soap:operation soapAction=""/>
    <input>
      <soap:body use="literal"/>
    </input>
    <output>
      <soap:body use="literal"/>
    </output>
  </operation>
</binding>

<service name="WSApp">
  <port name="WSAppPort" binding="tns:WSAppPortBinding">
    <soap:address location="http://localhost:8080/..."/>
  </port>
</service>
</definitions>

```