

Esame di Architetture Orientate ai Servizi Prof. Ernesto Damiani

01-06-2011

Potete tenere libri e appunti. Scrivete nome e numero di matricola su tutti i fogli che consegnate.

Con riferimento al codice WSDL che segue:

```
<?xml version="1.0" encoding="UTF-8"?>
<wsdl:definitions targetNamespace="http://manning.com/xmlns/samples/soasecimpl"
xmlns:apachesoap="http://xml.apache.org/xml-soap"
xmlns:impl="http://manning.com/xmlns/samples/soasecimpl"
xmlns:intf="http://manning.com/xmlns/samples/soasecimpl"
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">
<!--WSDL created by Apache Axis version: 1.2RC2 Built on Nov 16, 2004 (12:19:44 EST)-->

  <wsdl:message name="getQuoteRequest">
    <wsdl:part name="symbol" type="xsd:string"/>
  </wsdl:message>
  <wsdl:message name="getQuoteResponse">
    <wsdl:part name="quote" type="xsd:float"/>
  </wsdl:message>

  <wsdl:portType name="Brokerage">
    <wsdl:operation name="getQuote" parameterOrder="symbol">
      <wsdl:input message="impl:getQuoteRequest" name="getQuoteRequest"/>
      <wsdl:output message="impl:getQuoteResponse" name="getQuoteResponse"/>
    </wsdl:operation>

  <wsdl:binding name="example1SoapBinding" type="impl:Brokerage">
    <wSDLsoap:binding style="rpc" transport="http://schemas.xmlsoap.org/soap/http"/>

    <wsdl:operation name="getQuote">
      <wSDLsoap:operation soapAction=""/>
      <wsdl:input name="getQuoteRequest">
        <wSDLsoap:body encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
namespace="http://manning.com/xmlns/samples/soasecimpl" use="encoded"/>
      </wsdl:input>
      <wsdl:output name="getQuoteResponse">
        <wSDLsoap:body encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
namespace="http://manning.com/xmlns/samples/soasecimpl" use="encoded"/>
      </wsdl:output>
    </wsdl:operation>

  <wsdl:service name="BrokerageService">
    <wsdl:port binding="impl:example1SoapBinding" name="example1">
      <wSDLsoap:address location="http://localhost:8080/axis/services/example1"/>
    </wsdl:port>
  </wsdl:service>
</wsdl:definitions>
```

ESERCIZIO 1 (15 punti) Fornite un esempio di messaggio SOAP accettato dal servizio, motivando le scelte effettuate

ESERCIZIO 2 (15 punti) Fornite un esempio di messaggio SOAP di risposta, motivando le scelte effettuate