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1. JAX-WS annotations

1.1 @WebService

This JAX-WS annotation can be used in 2 ways. If we are annotating this over a class, it means that we are trying

to mark the class as the implementing the Web Service, in other words Service Implementation Bean (SIB). Or

we are marking this over an interface, it means that we are defining a Web Service Interface (SEI), in other words

Service Endpoint Interface.

Now lets see the java program demonstrating



1.2 @SOAPBinding

Demonstration of @SOAPBinding JAX-WS annotation has already been shown in first program in 1.1. This

annotation is used to specify the SOAP messaging style which can either be RPC or DOCUMENT . This style

represents the encoding style of message sent to and fro while using the web service.

With RPC style a web service is capable of only using simple data types like integer or string. However,

DOCUMENT style is capable of richer data types for a class let’s say Person, which can have attributes like String

name , Address address etc.

Document style indicates that in the underlying web service, underlying message shall contain full XML

documents, whereas in the RPC style, the underlying message contains parameters and return values in request

and response message respectively. By default the style is Document .

The other important optional attribute is use . It represents the formatting style of the web service message. Its