WEB SERVICES

Web Service

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Master web Service

API

Diff b/w api nd library:  
1)library creates objt and needs data inputs

2) api is application programming interface

It is abstract nd doesn’t creat objects

3)in library object created in lib r used after importing

write-publish-apply

Soap protocol- simple objct access prototcol(api-jax-ws)

Now REST(jax-rs)

From uddi we get url and url contains details in wsdl.xml file and consume it for ur project

**UDDI** (Universal Description, Discovery, and Integration)

Directry of web services

Interoperablity(diff languages)

SOAP

Protocol for comm b/w ui nd wervive

Http(Web level protocol) TCP-IP(OS level protocol)

webService

Operations

ui

Xml(Independent

Ui(service endpoint interface created using wsdl file)

Web servlet using rest

Representable state transport

Architectural style not a protocol. It uses http protocol but itself is npot a protocol.

Uri – uniform resource identifier

url - uniform resource locator

<http://local.8080/myApss/Myserlet?empid=1001> query string , more parameters by &…… action(Myselet-resource)

**URI:**

(R)GET http://---%---/empid/1001 @PATH(\A)

(D)Delete

(C)Put

(U)Post

(CRUD)

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USES API- JAX-RS(jersy, apache, spring)

ARCHIRECTURE:

Jersy container

WildflyContainer