Details about Unico Test Project

**Deployment Steps:**

1. Execute the script in oracle schema.

2. Change JMS and Datasource configurations in AppConfig.properties.

3. Deploy UnicoTestProject.ear.

4. Restart the server.

5. Invoke the service.

**Rest URL:**

<MachineIp>:<Port>/UnicoWebProject/webapi/gcd

**SOAP WSDL:**

<MachineIP>:<Port>/<ContextRoot>/soapapi?wsdl

Use Case 1:

A restful service should expose a method to accept two integers and the same should be posted to a queue.

Solution:

A REST service is exposed to push the integers. Client can access the service via POST and status of the request will be given back to the client.

Usage:

http://<MachineIP>:<Port>/<ContextRoot>/webapi/gcd

Sample format:

{

"number1":'54',

"number2":"24"

}

Return Type : String

Context Root : UnicoWebProject

Use Case 2:

A restful service should expose a method which should return the list of posted Integers.

Solution:

A REST service is exposed to return the list in a JSON structure. Client can access the service via GET to get the response.

Usage:

http://<MachineIP>:<Port>/<ContextRoot>/webapi/gcd

Context Root : UnicoWebProject

Sample Response:

[{"number1":"54", "number2":"24"}, {"number1":"88", "number2":"48"}]

Use Case 3:

A SOAP service should be exposed to get GCD of two integers. The Integers are already in the queue.

Solution:

A SOAP service is exposed to calculate GCD of two integers.

Usage :

WSDL:

http://<MachineIP>:<Port>/<ContextRoot>/soapapi?wsdl

Operation Name: gcd

Context Root : UnicoWebProject

Use Case 4:

A SOAP service should be exposed to get list of GCD which is already computed.

Solution:

A SOAP service is exposed to get list of calculated GCD.

Usage :

WSDL:

http://<MachineIP>:<Port>/<ContextRoot>/soapapi?wsdl

Operation Name: gcdList

Context Root : UnicoWebProject

Use Case 5:

A SOAP service should be exposed to get sum of calculated GCD.

Solution:

A SOAP service is exposed to calculate sum of calculated GCD.

Usage :

WSDL:

http://<MachineIP>:<Port>/<ContextRoot>/soapapi?wsdl

Operation Name: gcdSum

Context Root : UnicoWebProject

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