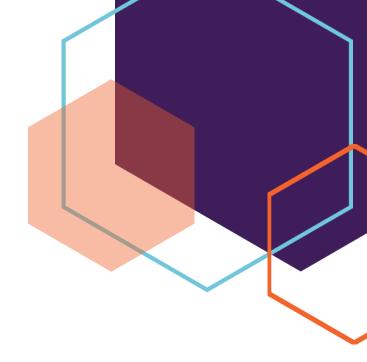
Réalisé par : Amina Dahmouni

Classe: II-BDCC3

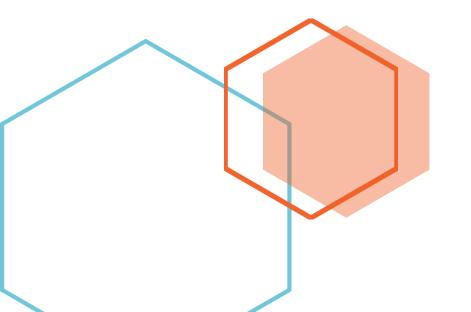
Encadré par : Pr Mohamed YOUSSFI



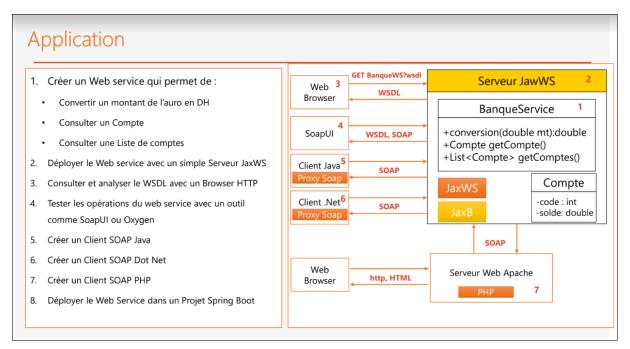
[Compte Rendu]

Activité Pratique N° 3 : Web services SOAP, WSDL, UDDI avec JAXWS

Systèmes Distribués et Big Data Processing







Web Service:

Classe Compte

```
import ...

general i
```

BanqueService

ServerJWS

```
import jakarta.xml.ws.Endpoint;
public class ServerJWS {
   public static void main(String[] args) {
        Endpoint.publish( address: "http://0.0.0.0:9191/", new BanqueService());
        System.out.println("Web Service déployé sur http://0.0.0.0:9191/");
}
```

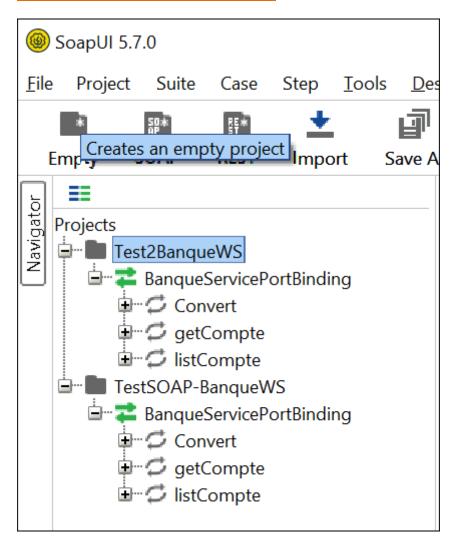
```
ServerJWS ×

**C:\Program Files\Java\jdk-17.0.4.1\bin\java.exe" ...

Web Service déployé sur <a href="http://0.0.0.0:9191/">http://0.0.0.0:9191/</a>
```

Accéder au WSDL depuis le local :

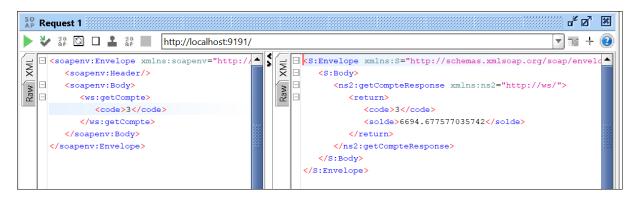
Tester le web service via SoapUI:



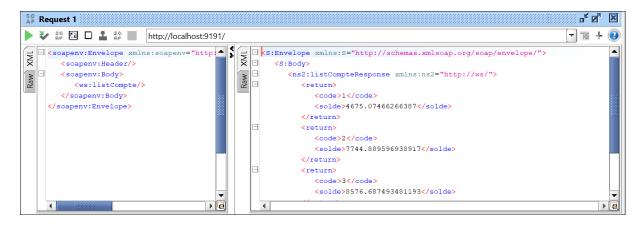
Convert:

```
▶ 🐉 🔯 🔲 🚨 🕌 http://localhost:9191/
                                                                            🔻 🌃 🕂 🔞
<ns2:ConvertResponse xmlns:ns2="http://ws/">
     <soapenv:Body>
                                        Raw
Raw
                                                <return>210.799999999998</return>
       <ws:Convert>
       <montant>20</montant>
                                               </ns2:ConvertResponse>
       </ws:Convert>
                                             </s:Body>
                                           </s:Envelope>
     </soapenv:Body>
   </soapenv:Envelope>
```

GetCompte:



ListCompte:



ClientWS:

```
import proxy.BanqueWS;
import proxy.Compte;

public class ClientWS {
    public static void main(String[] args) {
        BanqueService stub=new BanqueWS().getBanqueServicePort();
        System.out.println(stub.convert( montant: 5009));
        Compte cp= stub.getCompte( code: 2);
        System.out.println(cp.getCode());
        System.out.println(cp.getSolde());
}

System.out.println(cp.getSolde());
```

