

Compte Rendu TP2

SOA/SOAP avec Java (Spring-WS)

Obtenir un compte

The screenshot displays the Postman interface for a SOAP API. The left sidebar shows the workspace 'Rihab HNIA's Workspace' with a collection 'My Collection' containing two items: 'GET Get data' and 'POST Post data'. The main panel shows a 'POST' request to 'http://localhost:8080/ws'. The request body is a SOAP envelope in XML format, containing a 'GetAccountRequest' with an 'accountId' of 'A100'. The response is a '200 OK' status with a response time of 380 ms and a body size of 638 B. The response body is a SOAP envelope in XML format, containing a 'GetAccountResponse' with an 'account' object. The 'account' object has the following details: 'accountId' is 'A100', 'owner' is 'Alice', 'balance' is '150.00', and 'currency' is 'TND'.

Request:

```
1 <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
2   |
3   |
4   |>
5   <soapenv:Header/>
6   <soapenv:Body>
7     <ban:GetAccountRequest>
8       <ban:accountId>A100</ban:accountId>
9     </ban:GetAccountRequest>
10  </soapenv:Body>
11 </soapenv:Envelope>
```

Response:

```
1 <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
2   |
3   |>
4   <SOAP-ENV:Header/>
5   <SOAP-ENV:Body>
6     <ns2:GetAccountResponse xmlns:ns2="http://example.com/bank">
7       <ns2:account>
8         <ns2:accountId>A100</ns2:accountId>
9         <ns2:owner>Alice</ns2:owner>
10        <ns2:balance>150.00</ns2:balance>
11        <ns2:currency>TND</ns2:currency>
12      </ns2:account>
13    </ns2:GetAccountResponse>
```

Dépôt

ajouter un amount

The screenshot shows the Postman interface with a collection named 'My Collection' containing a 'Get data' endpoint. The endpoint is configured with a POST method and the URL 'http://localhost:8080/ws'. The request body is set to 'raw' XML. The XML body contains a SOAP envelope with a header and a body containing a DepositRequest element. The DepositRequest element has an account ID of 'A100' and an amount of '20.00'. The response is a 200 OK status with a response time of 26 ms and a body size of 516 B. The response body is also shown in raw XML format, containing a SOAP envelope with a header and a body containing a DepositResponse element. The DepositResponse element has a new balance of '170.00'.

Défaut (montant ≤ 0) on peut pas ajouter un amount négatif

The screenshot shows the Postman interface with the same collection and endpoint as the previous screenshot. The request body is set to 'raw' XML. The XML body contains a SOAP envelope with a header and a body containing a DepositRequest element. The DepositRequest element has an account ID of 'A100' and an amount of '-5'. The response is a 500 Internal Server Error status with a response time of 23 ms and a body size of 521 B. The response body is also shown in raw XML format, containing a SOAP envelope with a header and a body containing a Fault element. The Fault element has a faultcode of 'SOAP-ENV:Client' and a faultstring of 'Amount must be > 0'.