Business Process Technologies

ST2, Winter Term 2020 / 2021

Sheet 7: Webservices with SOAP / WSDL
(10 Points)

Please upload a screenshot of the WSDL, the SoapUI-Test, the resulting application and the output of the application.

1. Install SoapUI

https://www.soapui.org/downloads/latest-release/ (preferably ZIP)

2. Test the following web service with SoapUI ...

http://www.thomas-bayer.com/axis2/services/BLZService?wsdl

Based on a BLZ (old Bank-ID) the service returns bank data

=> Analyze the WSDL file, as well as Request and Response

3. Creation of a Java.Webservice-Client with NetBeans (recomended, but other IDEs are possible)

- Create a small Swing-Application (or command-line application for testing
    - New Project: Java Desktop Application
- Create the Web-Service-Client
    - New => Webservices => Webservice Client
- Use the generated classes for calling the service

Example:

```
BLZService service = new BLZService();

DetailsType details =
service.getBLZServiceSOAP11PortHttp().getBank(tf_BLZ.getText());

l_Name.setText(details.getBezeichnung());
```

TestBLZ

File Help

61290120 [Search BLZ]

Name   Volksbank Kirchheim-Nürtingen

BIC   GENODES1NUE

Ort   Nürtingen

PLZ   72610