## **Exercise Guide**

| Exercise | Description and PDF link                                  |  |  |  |
|----------|---|--|--|--|
| 1        | Creating a RESTful Service and interacting with it        |  |  |  |
|          | http://freo.me/1bnhdLA                                    |  |  |  |
| 2        | Calling SOAP services using SOAP UI                       |  |  |  |
|          | http://freo.me/lifyKH                                     |  |  |  |
| 3        | Creating a SOAP service from a Java implementation        |  |  |  |
|          | http://freo.me/InNaYe                                     |  |  |  |
| 3a       | Creating a WSDL and then a SOAP service from that WSDL    |  |  |  |
|          | http://freo.me/1dAkOHT                                    |  |  |  |
| 4        | Generating a client from a WSDL                           |  |  |  |
|          | http://freo.me/1ezpP0w                                    |  |  |  |
| 5        | Using TCPMon to watch interactions                        |  |  |  |
|          | http://freo.me/IgEK4u                                     |  |  |  |
| 6        | Creating Keystores  |  |  |  |
|          | http://freo.me/IgEL8A                                     |  |  |  |
| 7        | WS-Security with SOAP                                     |  |  |  |
|          | http://freo.me/1cNBxT7                                    |  |  |  |
| 8        | Basic ESB mediation of REST to SOAP                       |  |  |  |
|          | http://freo.me/1aU7DxS                                    |  |  |  |
| 9        | Installing and using the Starbucks REST to SOAP mediation |  |  |  |
|          | http://freo.me/195vQxd                                    |  |  |  |
| 10       | Using a Registry  |  |  |  |
|          | http://freo.me/1ghkvQ3                                    |  |  |  |
| 11       | Building a BPEL process                                   |  |  |  |
|          | http://freo.me/1ghkzPN                                    |  |  |  |
| 12       | API Management  |  |  |  |
|          | http://freo.me/1cudZ5R                                    |  |  |  |

| Server                       | Offset | Directory                | Admin Port / web       |
|------------------------------|--------|--------------------------|------------------------|
| Tomcat                       | NA     | ~/servers/tomcat         | http://localhost:8080  |
| App Server                   | 0      | ~/servers/wso2as-5.2.0   | https://localhost:9443 |
| Enterprise Service<br>Bus    | 1      | ~/servers/wso2esb-4.8.0  | https://localhost:9444 |
| Governance Registry          | 2      | ~/servers/wso2greg-4.6.0 | https://localhost:9445 |
| Business Process<br>Server   | 3      | ~/servers/wso2bps-3.0.0  | https://localhost:9446 |
| API Manager                  | 4      | ~/servers/wso2am-1.5.0   | https://localhost:9447 |
| Business Activity<br>Monitor | 5      | ~/servers/wso2bam-2.4.0  | https://localhost:9448 |