

# Apache Axis2: Services

- 1.** Register the Apache Axis2 location with Eclipse. Window --> Preferences --> Web Services --> Axis2 Preferences. For “Axis2 runtime location”, point at C:\axis2-1.4 (or whatever location you used when you installed Axis2).
- 2.** Make a new Dynamic Web Project and add in the Axis2 facet.
- 3.** Make a simple bean with two methods: randomNum1 (no arguments, returns a random double between 0 and 1) and randomNum2 (takes a double as an argument, returns a random double between 0 and that number).
- 4.** Make a Web Service from that bean.
- 5.** Verify that the service is deployed.  
<http://localhost/projectName/>, then click on “axis2-web”, then “Services”.
- 6.** Test the two operations.  
<http://localhost/projectName/services/ClassName/randomNum1>  
<http://localhost/projectName/services/ClassName/randomNum2?paramName=100>
- 7.** View the automatically generated WSDL file.  
<http://localhost/projectName/services/ClassName?wsdl>