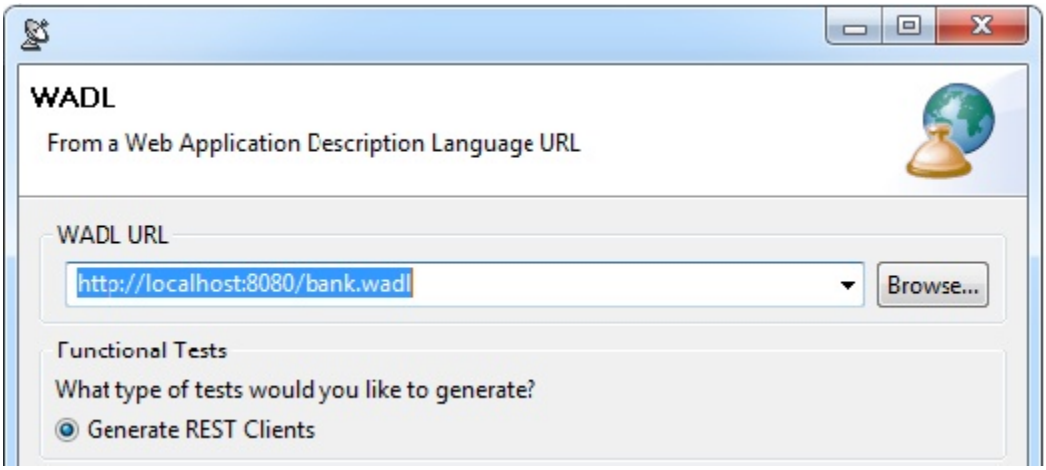
Creating Tests From a WADL

From a WADL, SOAtest can automatically create a test suite with a REST Client tool for each defined resource element.
To automatically create a test suite from a valid WADL:

1. Choose the **REST> WADL** option in one of the available test creation wizards. For details on accessing the wizards, see:
   - Adding a New .tst File to an Existing Project
   - Adding a New Test Suite
2. In the WADL wizard page, enter a valid **WADL URL** in the WADL URL field, or click the **Browse** button to locate a WADL file on the local file system.



3. If you want to create a separate test suite that generates a series of tests to verify the WADL (Schema Validity, Semantic Validity, WSDL Regression), select the **Create tests to validate and enforce policies on the WADL** checkbox.
4. Click **Next**. The **Create Environment** dialog opens.
5. (Optional) Specify whether you want to reference an existing environment or create a new one.
   - To create a new environment:
     1. Select the **Create a new environment for your project** checkbox
     2. Enter an **Environment Name** and **Variable Prefix**
   - To reference an existing environment, select **Reference an existing environment** then specify the appropriate environment file.
   - For more information on environments, see Configuring Testing in Different Environments.
6. Click the **Finish** button.

SOAtest will generate a test suite with one REST Client tool for each resource element defined in the WADL you entered. Host, protocol, and port settings will be populated from the WADL. If a default value is specified in the WADL, it will be used in the created tool.

If you enabled **Create tests to validate and enforce policies on the WADL**, SOAtest automatically creates the following WSDL tests:

- **Test 1: Schema Validity**: Runs XML validation on the WADL against WADL schemas from W3C.
- **Test 2: Semantic Validity**: Checks the correctness of the WADL by parsing and consuming it like an actual service consumer would, but with stricter adherence to standards.
- **Test 3: WADL Regression**: Creates a regression control for the WADL so that changes in the WSDL document can be detected.