

Managing Service Descriptions With the Trace Analyzer

The Trace Analyzer tab can be used to manage the imported WSDLs and the corresponding [test cases](#), and to [run tests](#).

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- [Renaming WSDL Definitions](#)
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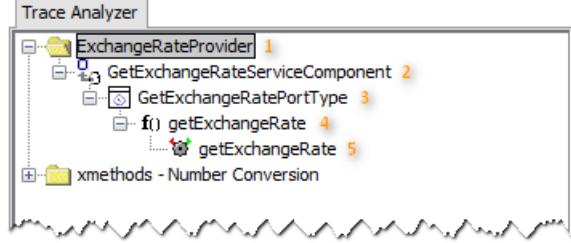
Contents of the Trace Analyzer Tab

The Trace Analyzer tab is divided into two parts:

- The upper part contains a tool for synchronous testing of services.
- The lower part contains a tool for asynchronous testing of services.

Contents of the Synchronous Part

In the upper part of the Trace Analyzer tab of the Overview window, you find a tree structure representing the WSDL definition of each service.



The screenshot shows the Trace Analyzer tab with a tree view of service definitions. The tree structure is as follows:

- ExchangeRateProvider 1
 - GetExchangeRateServiceComponent 2
 - GetExchangeRatePortType 3
 - f() getExchangeRate 4
 - getExchangeRate 5

To the right of the tree, there is a vertical pane containing text and numbered steps corresponding to the elements in the tree:

The following items are displayed for each WSDL definition:

 1. Name of the WSDL file (deployed xUML service)
 2. Name of the service
 3. Name of the port type
 4. Name of the operation
 5. Name of the created test case

In the content pane on the right, you will find the corresponding information clicking an element of the tree:



Request Response UML	<p>Selecting the test case tree node you will get information on on SOAP requests, SOAP responses, and dynamic UML diagrams that are used for tracing. For more information on on test case functionality, refer to:</p> <ul style="list-style-type: none"> • Creating Test Cases • Inserting Test Data • Inspecting the Test Case Results
<p>rpc xml</p> <pre> <?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <soap:Body> <getExchangeRate xmlns="http://services.e2bridge.com:3000/ExchangeRateProvider/Services/GetExchangeRateService/Port"> <fromCurrency>Base Types.String = NULL</fromCurrency> <toCurrency>Base Types.String = NULL</toCurrency> </getExchangeRate> </soap:Body> </soap:Envelope> </pre>	

Contents of the Asynchronous Part

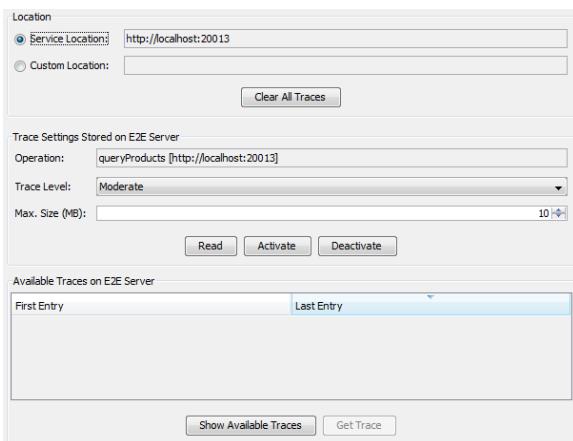
In the lower part of the Trace Analyzer tab of the Overview window, you find a tree structure representing the WSDL definition of each service, similar to the one for [synchronous testing](#).



The following items are displayed for each WSDL definition:

1. Name of the WSDL file (deployed xUML service)
2. Name of the service
3. Name of the port type
4. Name of the operation, including information on the service location and the tracing status

No test cases can be defined for asynchronous testing, as this contradicts this testing method. For more information on asynchronous testing refer to [Testing Non-SOAP Services](#). In the content pane on the right, you will find the corresponding information clicking an element of the tree. Selecting the operation tree node, you will get information on the trace settings specified for this service operation.



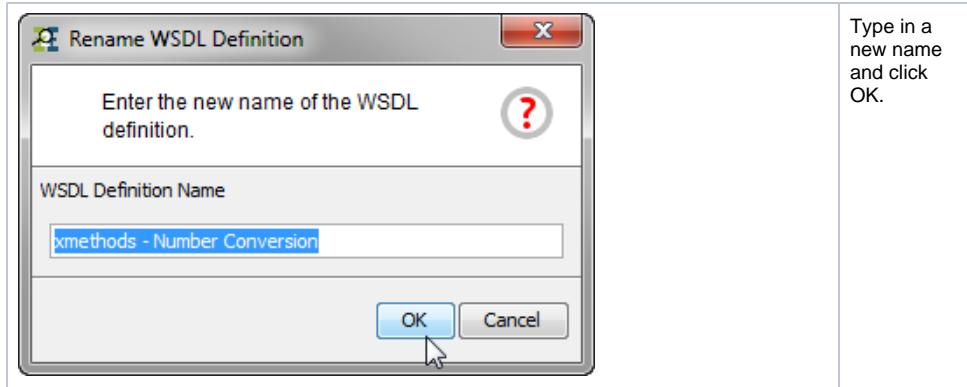
Renaming WSDL Definitions

In the Overview window of the Trace Analyzer, select a WSDL definition.

The screenshot shows the 'Overview' tab of the Trace Analyzer with a context menu open over a selected WSDL definition. The menu items are 'Rename Imported WSDL' (which is highlighted with a yellow background) and 'Delete Imported WSDL'. The left pane displays a hierarchical tree of service definitions, including 'ExchangeRateProvider' and 'xmethods - Number Conversions'. The 'NumberConversion' node is expanded, showing 'NumberConversion' and 'NumberConvert' sub-nodes, each with 'f()' methods: 'NumberToDollars' and 'NumberToWords'. The right pane contains two search bars for 'Find' and 'Match Case'. A vertical text block on the right provides instructions: 'Open the context menu by clicking the selected WSDL with the right mouse button and select Rename Imported WSDL from the context menu.'

i Only the imported WSDL will get renamed. The deployed service is not changed in any ways.

A corresponding entry in the asynchronous part of the Trace Analyzer will get renamed accordingly.



Deleting WSDL Definitions

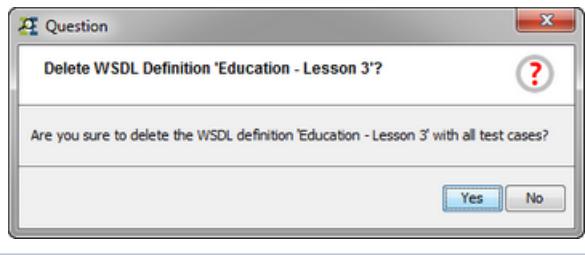
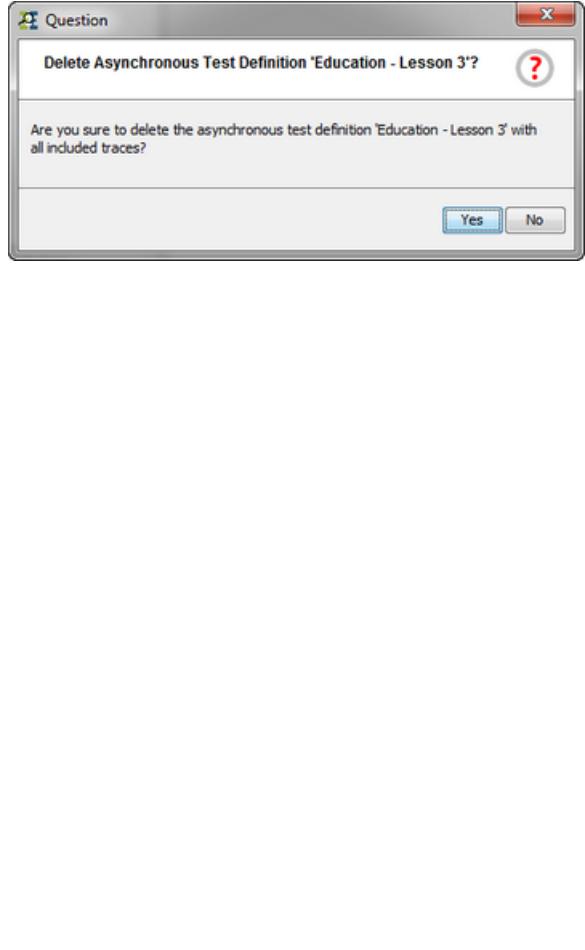
Deleting a WSDL from the Synchronous Part

In the upper part of the Overview window of the Trace Analyzer, select a WSDL definition.

To remove the selected WSDL

- press **D**el or ...
- ...open the context menu by clicking the selected WSDL with the right mouse button and select **Delete Imported WSDL** from the context menu.

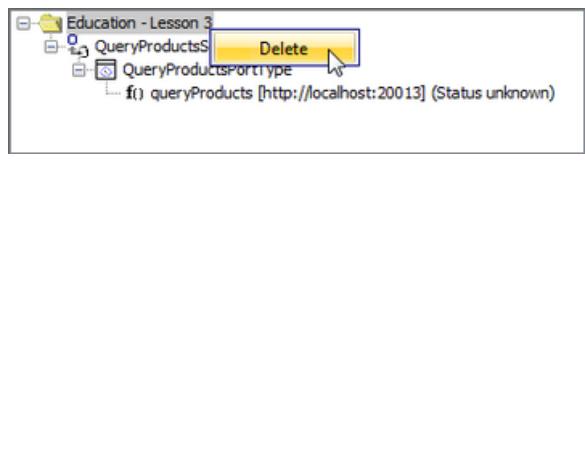
i Only the imported WSDL will be deleted from the Trace Analyzer. The deployed service is not changed in any ways.

 <p>The dialog box is titled "Delete WSDL Definition 'Education - Lesson 3?'". It contains the message "Are you sure to delete the WSDL definition 'Education - Lesson 3' with all test cases?". At the bottom are two buttons: "Yes" and "No".</p>	<p>Confirm the deletion or abort.</p>
 <p>The dialog box is titled "Delete Asynchronous Test Definition 'Education - Lesson 3?'". It contains the message "Are you sure to delete the asynchronous test definition 'Education - Lesson 3' with all included traces?". At the bottom are two buttons: "Yes" and "No".</p>	<p>Confirm whether you also want to delete the corresponding test definition from the asynchronous part of the Trace Analyzer.</p>

i Clicking **No** does not affect the first deletion.

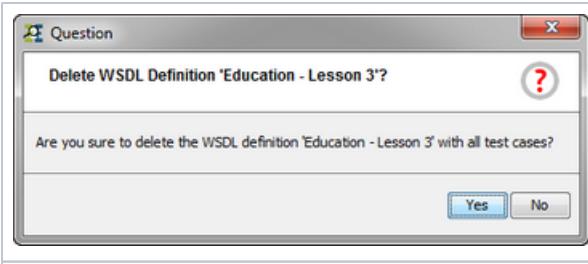
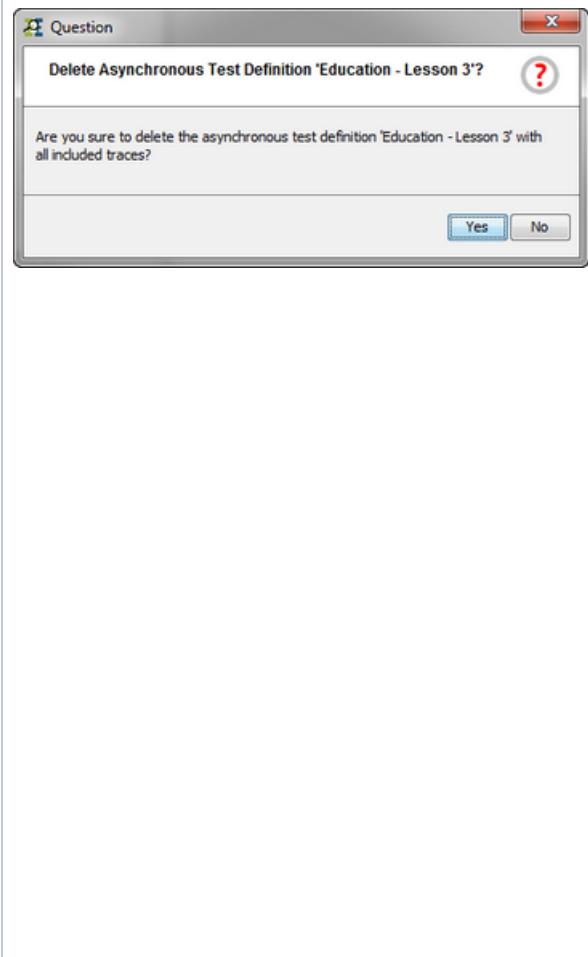
Deleting an Asynchronous Test Definition

In the lower part of the Overview window of the Trace Analyzer, select a test definition (corresponding to an imported WSDL definition).

 <p>The screenshot shows the "Education - Lesson 3" folder expanded. Inside, there is a "QueryProductsService" item, which has a "Delete" button highlighted with a yellow box. Below it is a "QueryProductsPortType" item, which further expands to show a "f() queryProducts [http://localhost:20013] (Status unknown)" entry.</p>	<p>To remove the selected definition</p>
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- press **D**el or ...
- ...open the context menu by clicking the selected definition with the right mouse button and select **Delete** from the context menu.

i Only the imported WSDL will be deleted from the Trace Analyzer. The deployed service is not changed in any ways.

 <p>The dialog box is titled "Delete WSDL Definition 'Education - Lesson 3?'". It contains the message "Are you sure to delete the WSDL definition 'Education - Lesson 3' with all test cases?". At the bottom are two buttons: "Yes" and "No".</p>	<p>Confirm the deletion or abort.</p>
 <p>The dialog box is titled "Delete Asynchronous Test Definition 'Education - Lesson 3?'". It contains the message "Are you sure to delete the asynchronous test definition 'Education - Lesson 3' with all included traces?". At the bottom are two buttons: "Yes" and "No".</p>	<p>Confirm whether you also want to delete the corresponding WSDL definition from the synchronous part of the Trace Analyzer.</p> <p>i Cliking No does not affect the first deletion.</p>