PEtALS-SE-sampleclient

This document explain how to install configure and use the petals-se-sampleclient JBI component.

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The client samplecomponent permits to interact quilcky with the PEtALS bus to tests service invocations.

This component is based on a graphical swing interface, it requires a server X support.

This component must be used ONLY in test purposes.

Chapter 1. Component Configuration

There are no specific component configuration values.

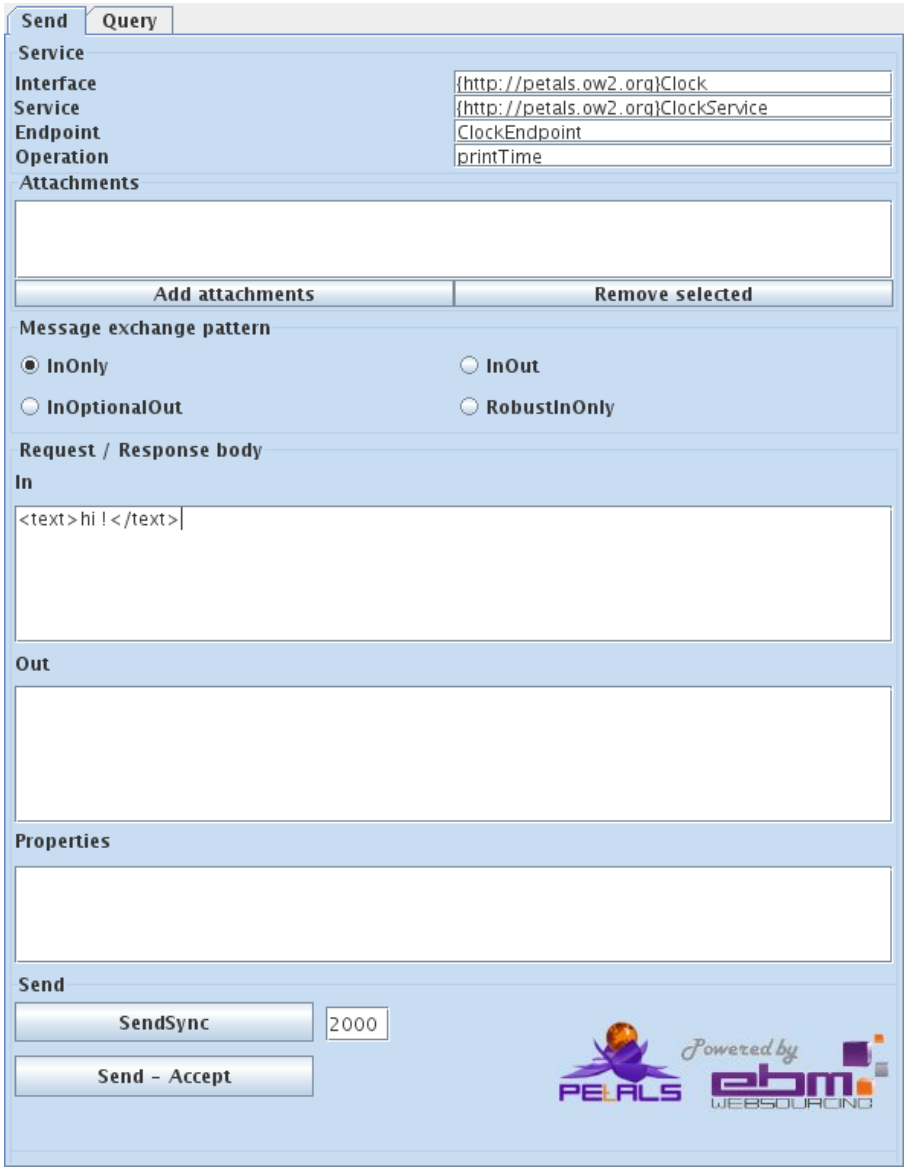
Chapter 2. Usage

2.1. Component installation

Please refers to the PEtALS user guide for details on installation processing

When the component is started, a SWING window is automatically launched.

Figure 2.1. Sample client GUI at startup



2.2. Retrieve JBI endpoints

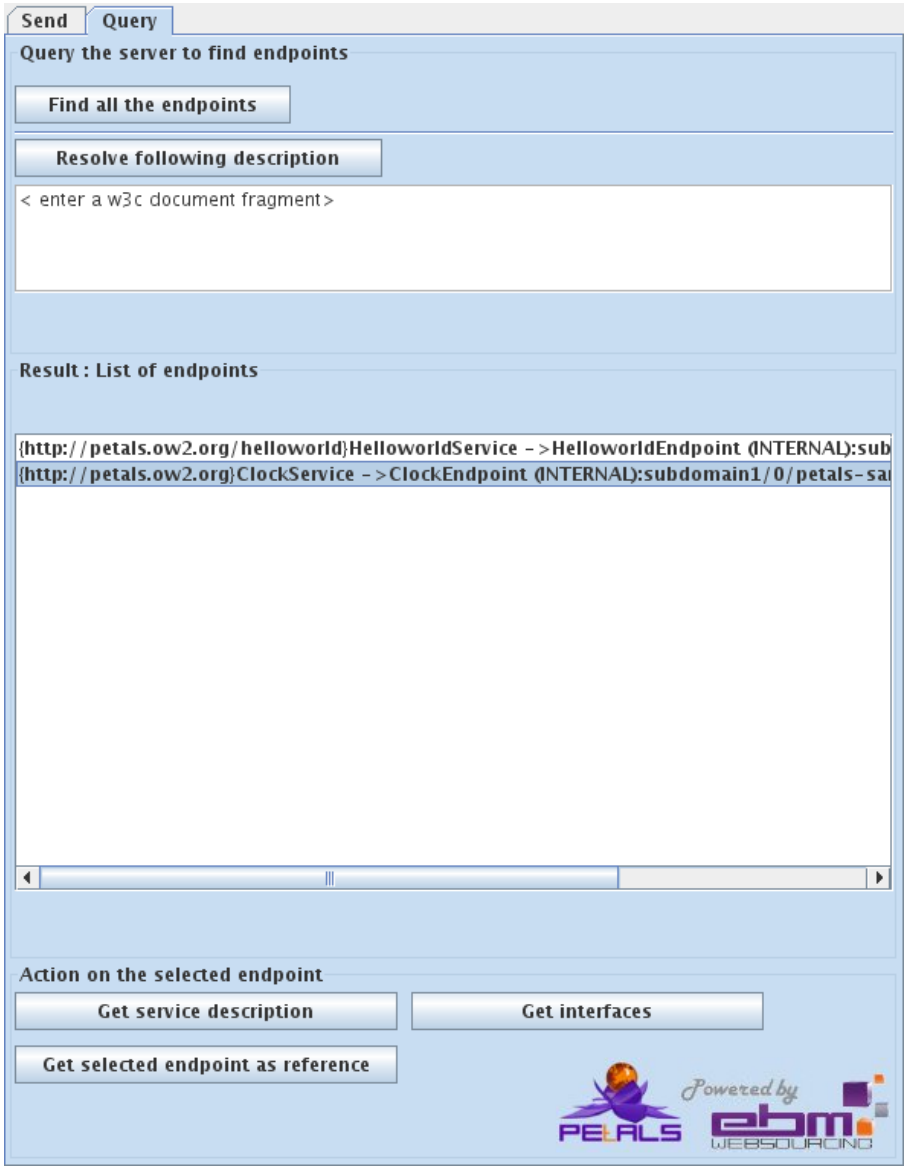
The sample client can be used to retrieve all the activated endpoints of the JBI environment. This view allows to:

- Retrieve all the activated endpoints of the JBI environment
- Display the selected endpoint description (the associate WSDL)

- Get the interface names implemented by the service bound to the endpoint
- Get the reference of the selected endpoint

Once a JBI endpoint is selected (double click), you will be automatically directed to the send message tab, the interface, service and endpoint fields would be automatically pre-filled.

Figure 2.2. Sample client GUI query panel



2.3. Send message

To send a message to a JBI endpoint, you must first select the endpoint you want to reach:

- Enter the interface QName in the Interface field, the JBI Container would select a service Endpoint implementing the interface according to its routing policy.
- Enter the service QName in the Service field and the Enpoint name in the Endpoint name. The specified endpoint would be invoked.

Once the target service selected,

- Enter the operation QName in the Operation field to specify the operation to invoke.
- Select the message exchange pattern (MEP) that will be used to create the message. Most of the PEtALS components doesn"t implement all the pattern; they will refuse the request message by returning an exception.
- Write the input message payload (if needed) in the `In` request text-area. Note that the payload must be a valid XML fragment.

Additionally, you can :

- Add attachements to the outgoing message. Click the `Add attachments` button and choose files to put as JBI attachments.
- Add a list of properties to the JBI message. To add `property1=value1` and `property2=value2`, enter the properties like this `property1=value1;property2=value2` (each property is separated by semicolon).

Once the required fields are filled, you can send the message to the chosen endpoint:

- Press the `SendSync` button to process a synchronous request, with the specified value as timeout; 0 means no timeout.
- Press the `Send - Accept` button to make an asynchronous call to the service provider. A listener running on a separated thread is charged to receive the response.

The body of the invocation response is displayed in the `Out` text-area and its associated properties in the Properties text-area.

Figure 2.3. Sample client GUI after a message sent to a JBI endpoint