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Developers

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WebServiceCallout Class ☰

WebServiceCallout Class

Enables making callouts to SOAP operations on an external Web service. This class is used in the Apex stub class that is auto-generated from a WSDL.

Namespace

System

- **WebServiceCallout Methods**

See Also

- *Apex Developer Guide*: SOAP Services: Defining a Class from a WSDL Document

WebServiceCallout Methods

The following is the static method for `WebServiceCallout`.

- **invoke(stub, request, response, infoArray)**
  Invokes an external SOAP web service operation based on an Apex class that is auto-generated from a WSDL.

invoke(stub, request, response, infoArray)

Invokes an external SOAP web service operation based on an Apex class that is auto-generated from a WSDL.

Signature

```
public static void invoke(Object stub, Object request, Map<String,Object> response,
List<String> infoArray)
```

Parameters

stub

Type: Object

An instance of the Apex class that is auto-generated from a WSDL (the stub class).

request

Type: Object

The request to the external service. The request is an instance of a type that is created as part of the auto-generated stub class.

response

Type: Map<String, Object>

A map of key-value pairs that represent the response that the external service sends after receiving the request. In each pair, the key is a response identifier. The value is the response object, which is an instance of a type that is created as part of the auto-generated stub class.

- Element at index 0 (`[0]`): One of the following options for identifying the URL of the external web service.

    - Endpoint URL. For example: `'http://YourServer/YourService'`

    - Named credential URL, which contains the scheme `callout`, the name of the named credential, and optionally, an appended path. For example: `'callout:MyNamedCredential/some/path'`

- Element at index 1 (`[1]`): The SOAP action. For example: `'urn:dotnet.callouttest.soap.sforce.com/EchoString'`

- Element at index 2 (`[2]`): The request namespace. For example: `'http://doc.sample.com/docSample'`

- Element at index 3 (`[3]`): The request name. For example: `'EchoString'`

- Element at index 4 (`[4]`): The response namespace. For example: `'http://doc.sample.com/docSample'`

- Element at index 5 (`[5]`): The response name. For example: `'EchoStringResponse'`

- Element at index 6 (`[6]`): The response type. For example: `'docSample.EchoStringResponse_element'`

Return Value

Type: Void

See Also

- *Apex Developer Guide*: Named Credentials as Callout Endpoints

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