# REST Consumer Activity Overview

## V8.2 and later

## Context

Use the REST Consumer Activity to invoke a method exposed by a RESTful Web service. Your workflow can then interact with this method and its data.

**Important**: REST service implementation does not support empty target name spaces.

## Wizard Tips

| Parameter | Description |
|---|---|
| *Base URL* | You can append operations, such as posts, to the end of the URL, in which case it is not dynamic, or you can define the operations in the **Operations** tab. <br> HTTPS consumption is supported. |
| *Apply Custom Configuration* | (Optional) Use this option to define and apply a custom configuration to the REST client configuration, for example, if you want to extend the headers. |

- Use Schemas to serialize the returned object and edits its properties, as necessary.
  - Before you add a schema, you must enter a valid configuration.
  - The schema must comply with Visual Studio structure standards. We recommend that you edit the schema in Visual Studio.
  - You can manually paste a schema into the text area, or you can upload a file with the schema. If you upload a file, the file type should be XSD.
  - Each schema entry must have a unique target namespace attribute.
  - If your schema includes an import or reference to other schemas, you must add them.

## REST Service Consumer Details

**Properties**    **Operations**

**Base URL** *
The REST Service Endpoint URL

www.maps.google.com

☐ Use Credentials

Credential Type                              Credential Name *

Application  ▼                               [            ] [...]

☑ Apply Custom Configuration [...]

**Consumer Name** *
The Service Consumer name

Google Maps

**Schemas**
The Xml Schemas used by the service definition

Add schema

**OK**    **Cancel**

## Operations Tab

| Parameter | Description |
|---|---|
| *URI Template* | You can copy these parameters from the operation's URL, for example: http://*jsonplaceholder.typicode*.com/posts/{***number***}. |
| *Request Parameter* | This parameter cannot include spaces or special characters. |

## Edit Operation

**Name**
A descriptive name of the operation

```
operation0
```

**URI Template**
Use curly brackets '{}' to define URI parameters (/{Id}/?q={Name})

```
/
```

**HTTP Method**
Select the HTTP method to use when calling the method.

```
GET  ▼
```

**Request Format**

```
Json ▼
```

| **Request Parameter Type** | **Request Parameter Name** |
|---|---|
| string ▼ | |

**Response Format**

```
Json ▼
```

| **Response Parameter Type** | **Response Parameter Name** |
|---|---|
| string ▼ | result |

[ OK ]  [ Cancel ]

### Request Bindings

- Click method parameters in the left panel and assign input values to the method parameters in the right panel. You can enter the value as a hard-coded value, double-click a field from the workflow tree, or click to open the Expression Editor to define the value as the result of an expression.

**Want to learn by doing?**
Check out this hands-on exercise.
*Note that only internal users can access the link.*

### V8.1 and earlier

### Context

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### Wizard Tips

**Properties Tab**

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