Proxy ---takes input as address-🡪geocode service call-🡪extract the result(long,lat)---🡪elevation parameters--🡪extract the result-🡪javascript

1.geocodeinput

2.geocoderequest

3.gecodeextractor

4.elevationparameters

5.elevationextractor

6.javascript

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<AssignMessage async="false" continueOnError="false" enabled="true" name="geoCodeInput">

<DisplayName>geoCodeInput</DisplayName>

<Properties/>

<Copy source="request">

<Headers/>

<QueryParams/>

<FormParams/>

<Payload/>

<Verb/>

<StatusCode/>

<ReasonPhrase/>

<Path/>

</Copy>

<Remove>

<Headers>

<Header name="h1"/>

</Headers>

<QueryParams>

<QueryParam name="q1"/>

</QueryParams>

<FormParams>

<FormParam name="f1"/>

</FormParams>

<Payload/>

</Remove>

<Add>

<Headers/>

<QueryParams/>

<FormParams/>

</Add>

<Set>

<Headers/>

<QueryParams>

<QueryParam name="address">{request.queryparam.address}</QueryParam>

<QueryParam name="sensor">{request.queryparam.sensor}</QueryParam>

</QueryParams>

<FormParams/>

<!-- <Verb>GET</Verb> -->

<Path/>

</Set>

<AssignVariable>

<Name>Address</Name>

<Ref>request.queryparam.address</Ref>

</AssignVariable>

<AssignVariable>

<Name>Sensor</Name>

<Ref>request.queryparam.sensor</Ref>

</AssignVariable>

<IgnoreUnresolvedVariables>true</IgnoreUnresolvedVariables>

<AssignTo createNew="true" transport="request">GeocodingRequest</AssignTo>

</AssignMessage>

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<ServiceCallout async="false" continueOnError="false" enabled="true" name="GeocodeRequest">

<DisplayName>GeocodeRequest</DisplayName>

<Properties/>

<Request clearPayload="true" variable="GeocodingRequest">

<IgnoreUnresolvedVariables>false</IgnoreUnresolvedVariables>

<Set/>

</Request>

<Response>GeoCodingResponse</Response>

<HTTPTargetConnection>

<Properties/>

<URL>https://maps.googleapis.com/maps/api/geocode/json</URL>

</HTTPTargetConnection>

</ServiceCallout>

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<ExtractVariables async="false" continueOnError="false" enabled="true" name="GecodeExtractor">

<DisplayName>GecodeExtractor</DisplayName>

<Properties/>

<URIPath name="name"/>

<QueryParam name="name"/>

<Header name="name"/>

<FormParam name="name"/>

<Variable name="name"/>

<IgnoreUnresolvedVariables>true</IgnoreUnresolvedVariables>

<Source>GeoCodingResponse</Source>

<JSONPayload>

<Variable name="latitude">

<JSONPath>$.results[0].geometry.location.lat</JSONPath>

</Variable>

<Variable name="longitude">

<JSONPath>$.results[0].geometry.location.lng</JSONPath>

</Variable>

</JSONPayload>

<VariablePrefix>geocoderesponse</VariablePrefix>

<XMLPayload stopPayloadProcessing="false">

<Namespaces/>

<Variable name="name" type="boolean">

<XPath>//test/example</XPath>

</Variable>

</XMLPayload>

</ExtractVariables>

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<AssignMessage async="false" continueOnError="false" enabled="true" name="Elevationparameter">

<DisplayName>Elevationparameter</DisplayName>

<Properties/>

<Copy source="request">

<Headers/>

<QueryParams/>

<FormParams/>

<Payload/>

<Verb/>

<StatusCode/>

<ReasonPhrase/>

<Path/>

</Copy>

<Remove>

<Headers>

<Header name="h1"/>

</Headers>

<QueryParams>

<QueryParam name="address"/>

</QueryParams>

<FormParams>

<FormParam name="sensor"/>

</FormParams>

<Payload/>

</Remove>

<Add>

<Headers/>

<QueryParams/>

<FormParams/>

</Add>

<Set>

<Headers/>

<QueryParams>

<QueryParam name="locations">{geocoderesponse.latitude},{geocoderesponse.longitude}</QueryParam>

<QueryParam name="sensor">false</QueryParam>

</QueryParams>

<FormParams/>

<!-- <Verb>GET</Verb> -->

<Path/>

</Set>

<AssignVariable>

<Name>name</Name>

<Value/>

<Ref/>

</AssignVariable>

<IgnoreUnresolvedVariables>true</IgnoreUnresolvedVariables>

<AssignTo createNew="false" transport="http" type="request"/>

</AssignMessage>

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<ExtractVariables async="false" continueOnError="false" enabled="true" name="ElevattionExtractor">

<DisplayName>ElevattionExtractor</DisplayName>

<Properties/>

<URIPath name="name"/>

<QueryParam name="name"/>

<Header name="name"/>

<FormParam name="name"/>

<Variable name="name"/>

<IgnoreUnresolvedVariables>true</IgnoreUnresolvedVariables>

<JSONPayload>

<Variable name="name">

<JSONPath>{example}</JSONPath>

</Variable>

</JSONPayload>

<Source clearPayload="false">request</Source>

<VariablePrefix>apigee</VariablePrefix>

<XMLPayload stopPayloadProcessing="false">

<Namespaces/>

<Variable name="elevattionData" type="float">

<XPath>//ElevationResponse/result[1]/elevation/text()</XPath>

</Variable>

</XMLPayload>

</ExtractVariables>

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<Javascript async="false" continueOnError="false" enabled="true" timeLimit="200" name="JavaScript-1">

<DisplayName>JavaScript-1</DisplayName>

<Properties/>

<ResourceURL>jsc://FinalResponse.js</ResourceURL>

</Javascript>