

About GoogleDirectionAPI.Activities :

Three activities which utilizes Google Location API to find the distance, duration , response string in XML or JSON between origin and destination addresses.

About Google Directions API:

The Google's Directions API is a service that calculates directions between locations. You can search for directions for several modes of transportation, including transit, driving, walking, or cycling.

Note: The 'Response code' is of type Integer (Int) and all other input and output variables are of type String

Activities:

- a) GetTrip Distance And Duration: Get Trip distance and duration based on Origin and destination addresses (works the similar way as Google maps)
 - Input: Origin address, Destination address & Google API key
 - Steps: Google Location API will calculate the distance and duration based on the origin and destination addresses
 - Output: Response status code, Distance in Miles and Duration

- b) GetResponse Output In XML: Get trip details response in XML • Input: Origin address , Destination address & Google API key
 - Steps: Google Location API will calculate the distance and duration based on the origin and destination addresses
 - Output: Response status code & Response output in XML

- c) GetResponse Output In JSON: Get trip details response in JSON • Input: Origin address , Destination address & Google API key
 - Steps: Google Location API will calculate the distance and duration based on the origin and destination addresses
 - Output: Response status code & Response output in JSON

Setup the package:

1. Download the package from UiPath Go!
2. Place the downloaded NuGet package in C:\Users\xxxx\AppData\Local\UiPath\app-xx.x.x\Packages
3. Open the UiPath project

4. Go to Manage Packages
 - a) Install the web activities package (UiPath.Web.Activities [for HTTP request] to Open weather map API requests) <https://activities.uipath.com/docs/about-the-web-activities-pack>
 - b) search for 'GoogleDirectionAPI.Activities' from local and install the package
5. Check if the 'GoogleDirectionAPI.Activities' activity is available
6. Setup Google API key and enable Google Direction Services
 - I. Login to your google mail account
 - II. Go to <https://console.developers.google.com/>
 - III. Activate your free Trial
 - IV. Agree and continue.
 - V. Provide your address and card details [No auto charge after free trial ends]
 - VI. Click on 'Google API' logo to get to the home page
 - VII. Click on 'Credentials' -> Create Credentials
 - VIII. Choose ' API Key'
 - IX. Note down the API Key [This is the Key to be used in the automation]
 - X. To Enable 'Direction API', Click on 'Google API' logo to get to the home page
 - XI. Click "Enable APIS and services"
 - XII. Search for 'Direction API'
 - XIII. Enable it