

Google Maps API (Formatted Address)

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Functions description

DOUCMENT REVISION:

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| --- | --- | --- | --- |
| Date | Version | Name | Description |
| 19/04/2019 | V1.0 | Romain Alexandre | First draft |

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# Introduction

Google Maps API metabot is used to get a formatted address (using Google geocode API) from a source text value.

# Notes

1. Metabot self-contained
2. Requirement: create a Google cloud account and add Geocoding API to get a key.

# Assets / Logics

Data Extraction and Format metabot contains one library: GoogleMapsAPI.dll, source code can be found here.

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| --- | --- | --- | --- |
| Logic Name | Inputs | Outputs | Comments |
| Get JSON Result | String – Address  String - GoogleApiKey | String – ResultValue | Address: Address to send to Google API  GoogleApiKey: Google API Key  Returns a JSON content with formatted address |
| Get Formatted Address | String – JsonResult | String - ResultValue | JsonResult: JSON value returned by “Get JSON Result” method  Returns Formatted address |
| Get Street Number | String – JsonResult | String – ResultValue | JsonResult: JSON value returned by “Get JSON Result” method  Reurns Street number |
| Get Route | String – JsonResult | String – ResultValue | JsonResult: JSON value returned by “Get JSON Result” method  Reurns Route |
| Get City | String – JsonResult | String – ResultValue | JsonResult: JSON value returned by “Get JSON Result” method  Reurns City |

|  |  |  |  |
| --- | --- | --- | --- |
| Logic Name | Inputs | Outputs | Comments |
| Get Postal Code | String – JsonResult | String – ResultValue | JsonResult: JSON value returned by “Get JSON Result” method  Reurns Postal Code |
| Get Country | String – JsonResult | String – ResultValue | JsonResult: JSON value returned by “Get JSON Result” method  Reurns Country |