

Matrix API Mapping Documentation [en]

- **bold** = Default Value
- *italic* = function
- ***bold_italic*** = mapping not possible
- [*i*] = Given JSONObject in the JSONArray
- < ... > = final property that holds value(s)
- "Request Parameter" = data that is passed along in a request to the proxy, but not used by Graphhopper directly. This information is only used in the mappings. Serves the purpose of filling holes of information that is not included in a Graphhopper response

Mapbox Matrix Response Object

Mapbox	needed type	Used Graphhopper Data	type	Conversion	Comment
code	String		String	Ok	
durations	Array<Array<Double>>	<times>	Array<Array<Double>>	No conversion needed	Matrix of durations
distances	Array<Array<Double>>	<distances>	Array<Array<Double>>	No conversion needed	
sources	Array<SourceObject>				
destinations	Array<DestinationObject>				

Source Object

Mapbox	needed type	Used Graphhopper Data	type	Conversion	Comment
name	String	<i>No way to get the name of locations from a GH Matrix Response</i>	String	''	Empty String
location	Properties Object	Request Parameters: point; from_point;	Array<String>	conversion to Array<Double>	the sources are not part of a GH response. They are fetched from the request as either point or from_point parameters

Destination Object

Mapbox	needed type	Used Graphhopper Data	type	Conversion	Comment
name	String	<i>No way to get the name of locations from a GH Matrix Response</i>	String	''	Empty String
location	Properties Object	Request Parameters: point; to_point;	Array<String>	conversion to Array<Double>	the destinations are not part of a GH response. They are fetched from the request as either point or to_point parameters

Ignored Data from the GH Response:

- weights
- info