



API USER JOURNEY- CONSUMER

Version 1.0



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REVISION HISTORY

Version	Date	Author	Summary
1.0.	11/03/2017	Kumar Loganathan	Base Version



CONSUMER API

Consumer APIs allow applications to read streams of data from the Tourism Information and Services Hub (TIH).

1. Attribute Index

When an API is invoked, a JSON-formatted response is returned to the user. The table below provides a brief overview on all the attributes commonly found in the response.

Main Attribute	Sub-Attribute	Description	Example
address	block	Address where the record is located in Singapore	253
	streetName		Yio Chu Kang Rd
	floorNumber		4
	unitNumber		56
	buildingName		Kechil Lucas
	postalCode		787066
name		Name of the record	Chinese Garden Beach
location	latitude	Latitude and longitude values of the record	1.3386376
	longitude		103.72554070000001
type		Type in which the record belongs to	RECREATION_LEISURE
tags		Tags pertaining to the record	attractions
description		Field to describe the record	Chinese Garden is a park in Jurong East, Singapore. Built in 1975 by the JTC Corporation and designed by Prof. Yuen-chen Yu, an architect from Taiwan, the Chinese Garden's concept is based on Chinese gardening art.
source		Source in which the data for the record was taken from	sentosa



metadata	createdDate	Date in which the record was created in the server	2017-10-30T20:20:00Z
	updatedDate	Date in which the record was updated in the server	2017-08-11T15:21:00Z
singaporeTourismAwards		Field to declare if the record has been given an award	N
rating		Google rating of that particular record	5

thumbnails	url	While upload images to TIH Repository using media image api it will return image url & uuid details in response	https://s3.amazonaws.com/stb-tihcontent/thumbnail/jpeg/101fd529ef999964f66bf9283a06b266a26/thumbnails.jpg
	uuid		101b9697999b61344e8833776a98d886761
images	url	While upload images to TIH Repository using media image api it will return image url & uuid details in response	https://s3.amazonaws.com/stb-tihcontent/image/jpeg/101fd529ef999964f66bf9283a06b266a26/thumbnails.jpg
	uuid		101b9697999b61344e8833776a98d886761
videos	url	While upload images to TIH Repository using media video api it will return video url & uuid details in response	https://s3.amazonaws.com/stb-tihcontent/video/jpeg/101fd529ef999964f66bf9283a06b266a26/thumbnails.jpg
	uuid		101b9697999b61344e8833776a98d886761

body			Chinese Garden is a park in Jurong East, Singapore. Built in 1975 by the JTC Corporation and designed by Prof. Yuen-chen Yu, an architect from Taiwan, the Chinese Garden's concept is based on Chinese gardening art.
uuid		Attribute used to uniquely identify an record	00290ed83551389471abe25eecf4ddb9563
contact	primaryContactNo	Contact details pertaining to the record	+65 6466 4911
	secondaryContactNo		+65 6466 4911
	otherContactNo		+65 6466 4911
officialEmail		The official email of the record	stb@gmail.com
ticketed			No
amenities		Useful facilities found in the record	Swimming Pool
nearestMrtStation		The nearest MRT Station to the record	Chinese Garden MRT Station
officialWebsite		The official website of the record	http://www.visitsingapore.com/content/traveller/en/browse/seeand-do/nature-andwildlife/parks-andgardens/chinesegarden/
shortDescription		A short description to provide a summary of the record	Chinese Garden is a park in Jurong East, Singapore.
pricing	child	Pricing information of the record with regards to the age of the customer	Free
	normal		\$10
	seniorCitizen		\$20
	adult		\$30



admissionInfo	Any information related to the admission to the record	Open on all days
openingHours	Opening and closing hours of the record	5:30AM–11PM

2. Content API

2.1 General

This section provides generic APIs for developers to use and gives a broad overview of the content found in the Content API.

GET	listDatasets http://tih-api.stb.gov.sg/content/v1/datasets		
Retrieves the full list of datasets available.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			
accommodation, attractions, bars_clubs, deal_promotion, editorial, event, food_beverages, itinerary, point_of_entry, shops, tour, tourist_info_centre, venue, walking_trail			

GET	searchByKeyword http://tih-api.stb.gov.sg/content/v1/search		
Provides the ability to search through multiple datasets for a specific keyword.			
REQUEST			
Parameters	Description	Mandatory	Example
dataset	Dataset which the search will be executed on	Yes	attractions
keyword	Keyword to look for when performing the search function	Yes	Gardens by the Bay



datasource	Filters the search result to only contain public data or data related to the API key	No	Mine or no datasource
filtersource	Filter the search using source	No	STB or HungryGoWhere
sortBy	Field name to sort	No	Name
sortOrder	Sort Order[ASC DESC]	No	ASC
RESPONSE			

GET	getTags http://tih-api.stb.gov.sg/content/v1/tag		
Retrieves the full list of tags available.			
REQUEST			
Parameters	Description	Mandatory	Example
nextToken	Parameter which can be used to obtain the subsequent set of 20 records.	No	Next Token which will be used to retrieve the next set of records. Eg. MNWX2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGCY3 UNFXW4UTFMZWJKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
RESPONSE			

GET	getCompanyByCode		
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http://tih-api.stb.gov.sg/content/v1/company			
Performs a search for companies based on company code.			
REQUEST			
Parameters	Description	Mandatory	Example
code	Company code which will be used to search for.	Yes	STB or HungryGoWhere
RESPONSE			

GET searchCompanyByKeyword http://tih-api.stb.gov.sg/content/v1/company/{code}			
Performs a search for companies based on the keyword.			
REQUEST			
Parameters	Description	Mandatory	Example
keyword	Keyword which will be used to search for.	Yes	STB or HungryGoWhere
nextToken	Parameter which can be used to obtain the subsequent set of 20 records.	No	Next Token which will be used to retrieve the next set of records. Eg. MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGCY3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJX IMSTOQZRG3SKN2DE U3UGMRQEU3UGJJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
RESPONSE			



GET **autocompleteByType**
<http://tih-api.stb.gov.sg/content/v1/autocomplete/type/{type}>

Provides a list of autocomplete results.

REQUEST			
Parameters	Description	Mandatory	Example
type	name description tag	Yes	name
input	Input to search for	Yes	Bay
RESPONSE			

2.2 Attractions:

The APIs listed below provide details (e.g. amenities, rating) of various Attractions (Arts, Recreation & Leisure, Nature & Wildlife) found in Singapore based on the relevant parameters given to it. UUID, name, type and tags are some of the ways in which an Attraction item can be retrieved.

GET **getAttractionsByUuid**
<http://tih-api.stb.gov.sg/content/v1/attractions/uuid/{uuid}>

Retrieves the full details of an Attraction by providing its unique identifier. The acronym for unique identifier is UUID. The UUID generates while creating new Attraction using createAttraction from content provider API. You can retrieve UUID or UUIDs from search by name, keyword or type using Attraction API search.

REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify an Attraction.	Yes	Create attraction using content provider attraction api to get uuid Eg.0026b01ab0db6ab4f5d9d119ab0cf04e401

GET **getAttractionsByUuids**
<http://tih-api.stb.gov.sg/content/v1/attractions>



Retrieves the full details of multiple Attractions by providing its unique identifier. This API allows the retrieval of multiple UUIDs. The acronym for unique identifier is UUID. The UUID generates while creating new Attraction using createAttraction from content provider API. You can retrieve UUID or UUIDs from search by name, keyword or type using Attraction API search.

REQUEST			
Parameters	Description	Mandatory	Example
Uuid	Attribute used to uniquely identify an Attraction. Unlike the API above, this API allows the retrieval of multiple UUIDs.	Yes	00223f657552434463 cb0c1ddc603acd98b 0020b12e16e6eba4d5 7b5c5176bada84b6d

GET **getAttractionsByName**
<http://tih-api.stb.gov.sg/content/v1/attractions/name/{name}>

Retrieves the full details of an Attraction by providing its name. The name format is non-case sensitive.

REQUEST			
Parameters	Description	Mandatory	Example
name	Name of Attraction	Yes	Singapore Art Museum

GET **searchAttractionsByKeyword**
<http://tih-api.stb.gov.sg/content/v1/attractions/search>

Performs a search on all Attractions based on keyword as the search parameter. The keyword will match with names, description and tags, returning you the most relevant Attractions. The query parameters include: keyword, data source, filter source, next token, sort by (name, type, description, origin, source, nearest MRT station), sort by (ascending or descending alphabetical order). alternate usage by app, isPrivate (or public data), organisation and origin.

REQUEST			
Parameters	Description	Mandatory	Example
keyword	Keyword to look for when performing the search function	Yes	Garden
datasource	Filters the search result to only contain public data or data related to the API key	No	mine or no datasource



filtersource	Filter the search using source	No	STB or HungryGoWhere
sortBy	Field name to sort	No	Name
sortOrder	Sort Order[ASC DESC]	No	ASC
nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records. Eg. MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGCY3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG

GET
searchAttractionsByTypeAndKeyword

<http://tih-api.stb.gov.sg/content/v1/attractions/search/{type}>

Performs a search on all Attractions based on type and keyword as the search parameters. The keyword will match with names, description and tags, returning you the most relevant Attraction type. The query parameters include: keyword, data source, filter source, next token, sort by (name, type, description, origin, source, nearest MRT station), sort order (ascending or descending alphabetical order). alternate usage by app, isPrivate (or public data), organisation and origin. The format for type can be adventure for example, the full list of types can be retrieved through an API.

REQUEST			
Parameters	Description	Mandatory	Example
type	The specific type of attractions to look for.	Yes	ARTS
keyword	Keyword to look for when performing the search function	Yes	Museum



datasource	Filters the search result to only contain public data or data related to the API key	No	Mine or no datasource
filtersource	Filter the search using source	No	Hungrygowhere or STB
nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records. Eg. MNxw2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGCY3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
sortBy	Field name to sort [name type description origin source nearestMrtStation]	No	Name
sortOrder	Sort order [ASC DESC]	No	ASC

GET	searchAttractionsByTags http://tih-api.stb.gov.sg/content/v1/attractions/search/tags		
<p>Performs a search on all Attractions based on tag as the search parameter. The query parameters include: tags, data source, filter source and next token.</p>			
REQUEST			
Parameters	Description	Mandatory	Example
tag	Tags	Yes	Attractions



datasource	Filters the search result to only contain public data or data related to the API key	No	mine or no datasource
filtersource	Filter the search using source	No	STB or HungryGoWhere
nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records. Eg. MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGCY3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG

GET
listAttractionsTypes
<http://tih-api.stb.gov.sg/content/v1/attractions/types>

Retrieve a list of Attraction types, for example adventure.

REQUEST

Parameters	Description	Mandatory	Example
Nil			

2.3 Accommodation, Bars and Clubs, Food and Beverages, Tour, Shops & Walking Trail:

Similar to the APIs found in Attractions, developers are provided with the same set of APIs for Bars and Clubs, Food and Beverages, and Malls and Shops. The table below provides a list of these APIs.

Dataset	API	URL
Accomodation	getAccomodationByUuid	http://tih-api- uat.stb.gov.sg/content/v1/accomodation/uu id/{uuid}

	getAccommodationByUuids	http://tih-api- uat.stb.gov.sg/content/v1/accomodation
	getAccomodationByName	http://tih-api- uat.stb.gov.sg/content/v1/accomodation/na me/{name}
	searchccomodationByKeyword	http://tih-api- uat.stb.gov.sg/content/v1/accomodation/sear ch
	searchAccomodationByTypeAndK eyword	http://tih-api- uat.stb.gov.sg/content/v1/accomodation/sear ch/{type}
	searchAccomodationByTags	http://tih-api- uat.stb.gov.sg/content/v1/accomodation/sear ch/tags
	listAccomodationTypes	http://tih-api- uat.stb.gov.sg/content/v1/accomodation/typ es
Bars and Clubs	getBarsClubsByUuid	http://tih-api- uat.stb.gov.sg/content/v1/barsclubs/uuid/{uu id}
	getBarsClubsByUuids	http://tih-api- uat.stb.gov.sg/content/v1/barsclubs
	getBarsClubsByName	http://tih-api- uat.stb.gov.sg/content/v1/barsclubs/name/{n ame}
	searchBarsClubsByKeyword	http://tih-api- uat.stb.gov.sg/content/v1/barsclubs/search
	searchBarsClubsByTypeAndKeywo rd	http://tih-api- uat.stb.gov.sg/content/v1/barsclubs/search/{ type}
	searchBarsClubsByTags	http://tih-api- uat.stb.gov.sg/content/v1/barsclubs/search/t ags
	listBarsClubsTypes	http://tih-api- uat.stb.gov.sg/content/v1/barsclubs/types
Food and Beverages	getFoodBeveragesByUuid	http://tih-api- uat.stb.gov.sg/content/v1/foodbeverages/uui d/{uuid}
	getFoodBeveragesByUuids	http://tih-api- uat.stb.gov.sg/content/v1/foodbeverages

	getFoodBeveragesByName	http://tih-api- uat.stb.gov.sg/content/v1/foodbeverages/ name/{name}
	searchFoodBeveragesByKeyword	http://tih-api- uat.stb.gov.sg/content/v1/foodbeverages/ search
	searchFoodBeveragesByTypeAndKeyword	http://tih-api- uat.stb.gov.sg/content/v1/foodbeverages/ search/{type}
	searchFoodBeveragesByTags	http://tih-api- uat.stb.gov.sg/content/v1/foodbeverages/ search/tags
	listFoodBeveragesTypes	http://tih-api- uat.stb.gov.sg/content/v1/foodbeverages/ types
Tours	getTourByUuid	http://tih-api- uat.stb.gov.sg/content/v1/tour/uuid/{ uuid}
	getTourByUuids	http://tih-api- uat.stb.gov.sg/content/v1/tour
	getTourByName	http://tih-api- uat.stb.gov.sg/content/v1/tour/name/{ name}
	searchSTourByKeyword	http://tih-api- uat.stb.gov.sg/content/v1/tour/ search
	searchTourByTypeAndKeyword	http://tih-api- uat.stb.gov.sg/content/v1/tour/ search/{type}
	searchTourByTags	http://tih-api- uat.stb.gov.sg/content/v1/tour/ search/tags
	listTourTypes	http://tih-api- uat.stb.gov.sg/content/v1/tour/ types
Shops	getShopsByUuid	http://tih-api- uat.stb.gov.sg/content/v1/shops/ uuid/{uuid}
	getShopsByUuids	http://tih-api- uat.stb.gov.sg/content/v1/shops
	getShopsByName	http://tih-api- uat.stb.gov.sg/content/v1/shops/ name/{name}
	searchShopsByKeyword	http://tih-api- uat.stb.gov.sg/content/v1/shops/ search
	searchShopsByTypeAndKeyword	http://tih-api- uat.stb.gov.sg/content/v1/shops/ search/{type}

	searchShopsByTags	http://tih-api- uat.stb.gov.sg/content/v1/shops/search/tags
	listShopsTypes	http://tih-api- uat.stb.gov.sg/content/v1/shops/types
Walking Trail	getWalkingTrailByUuid	http://tih-api- uat.stb.gov.sg/content/v1/shops/uuid/{uuid}
	getWalkingTrailByUuids	http://tih-api- uat.stb.gov.sg/content/v1/shops
	getWalkingTrailByName	http://tih-api- uat.stb.gov.sg/content/v1/shops/name/{name}
	searchWalkingTrailByKeyword	http://tih-api- uat.stb.gov.sg/content/v1/shops/search
	searchWalkingTrailByTypeAndKeyword	http://tih-api- uat.stb.gov.sg/content/v1/shops/search/{type}
	searchWalkingTrailByTags	http://tih-api- uat.stb.gov.sg/content/v1/shops/search/tags
	listWalkingTrailTypes	http://tih-api- uat.stb.gov.sg/content/v1/shops/types

3. Map API

3.1 General:

The APIs within this section provide generic Map functions to developers. For example, AutoComplete API provides data related to a specific input.

GET	autoCompleteByType http://tih-api.stb.gov.sg/map/v1/autocomplete/type/{type}		
Retrieves list of Auto Complete result. The query paramter is input. The type consist of geocode (latitude longitude), address, establishment, etc.			
REQUEST			
Parameters	Description	Mandatory	Example
type	geocode address establishment	Yes	geocode
Input	Input to do a auto complete search on	Yes	Bay
RESPONSE			

GET placeDetail http://tih-api.stb.gov.sg/map/v1/place/{uuid}			
Retrieve Place Detail. Based on latitude and longitude, our TIH portal generates the UUID, The place UUID can be retrieved from Attraction API, Accomodation API, etc.			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify a placeDetail. It is generated by TIH portal itself using latitude and longitude of the place	Yes	ChIJmcDhEt4Z2jERb9Y4cloZ54k
RESPONSE			

3.2 Direction:

The Direction API primarily allows the calculation of directions between two locations. Waypoints are included in this API to allow users to add a diversion in their route between their starting location and destination. Distance and duration are some of the data that can be captured by invoking this API with the relevant parameters.

GET directionByMode http://tih-api.stb.gov.sg/map/v1/direction/{mode}			
Retrieves list of Direction result. The query parameters include: origin, destination and waypoints. The format for mode consist of bicycling, transit and walk.			
REQUEST			
Parameters	Description	Mandatory	Example
mode	Mode of transport which will be used to transfer from source to destination	Yes	default bicycling transit walking etc.
origin	Location/postal code of the starting pont	Yes	1.28784,103.851418 018956
destination	Location/postal code of the ending pont	Yes	1.28784,103.851418 569141



waypoint	Waypoints which user will divert to between their journey	No	1.307403,103.92348 238801
RESPONSE			

3.3 Experiential Route:

Experiential Route differs slightly from Direction API. In addition to providing directions, the Experiential Route shows various points of interests along that particular route.

GET	experientialRouteByMode http://tih-api.stb.gov.sg/map/v1/experiential_route/{mode}		
Retrieves list of Experiential Route result. The query paramters include: origin, destination, rating, iteration, radius and waypoint. The format for mode consist of bicycling, transit and walk.			
REQUEST			
Parameters	Description	Mandatory	Example
mode	Mode of transport which will be used	Yes	Eg. [default bicycling transit walking]
origin	Location of starting point	Yes	1.28784,103.851418
destination	Location of ending point	Yes	1.296659,103.848686
dataset	General search term Note: Use General Dataset Api to get all the Dataset values	Yes	Eg. atm mrt_station taxi_stand hospital police embassy
waypoint	Waypoints which user will divert to between their journey	No	1.283551,103.844309
RESPONSE			

3.4 Search:

The Search APIs provide users the ability to search for a particular dataset, such as Attractions or Accommodation, within a certain radius of their location. A list of that dataset, along with the details, are then provided as a response to users.

GET	searchByDataset http://tih-api.stb.gov.sg/map/v1/search/dataset/{dataset}		
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Perform a search on a particular data set. The query parameters include: location, keyword, sort by (rating, last updated, distance away), start data and end date, radius, data source and next token. The format for data set consist of atm, mrt_station, taxi_stand, etc.

REQUEST			
Parameters	Description	Mandatory	Example
dataset	General search term Note: Use General Dataset Api to get all the Dataset values	Yes	atm, mrt_station, taxi_stand etc.
location	Location to search from	Yes	1.2835627,103.8584985
keyword	Keyword to search for	No	Bayfront
Sort	Type of sorting to be done on the result set	No	default
startDate	StartDate in yyyy-MMdd format	No	2017-12-01
endDate	EndDate in yyyy-MMdd format	No	2017-12-24
radius	Radius to search for	No	2000
datasource	Filters the search result to only contain	No	mine or no datasource
	public data or data related to the API key		
nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records. Eg. MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGCY3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
RESPONSE			



GET **searchByDatasetAndType**
<http://tih-api.stb.gov.sg/map/v1/search/dataset/{dataset}/type/{type}>

Perform a search on a particular data set and type. The query parameters include: location, keyword, sort by (rating, last updated, distance away), start data and end date, radius, data source and next token. The format for data set is atm, mrt_station, taxi_stand, etc. and type is geocode (latitude longitude), address, establishment, etc.

REQUEST

Parameters	Description	Mandatory	Example
dataset	General search term Note: Use General Dataset Api to get all the Dataset values	Yes	atm, mrt_station, taxi_stand etc.
type	Type based on Dataset values	Yes	Hotels, resorts, backpacker hostels etc.
location	Location to search from	Yes	1.2835627,103.8584985
keyword	Keyword to search for	No	Bayfront
sort	Type of sorting to be done on the result set	No	default
startDate	StartDate in yyyy-MMdd format	No	2017-12-01
endDate	EndDate in yyyy-MMdd format	No	2017-12-24
radius	Radius to search for	No	2000
datasource	Filters the search result to only contain public data or data related to the API key	No	mine or no datasource
nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records. Eg. MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGKY3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G



			C43POVZGGZJFGNCK N2DEU3UG
RESPONSE			

GET **searchByKeyword**
<http://tih-api.stb.gov.sg/map/v1/search/keyword>

Perform a search on keyword. The query parameters include: location, keyword, sort by (rating, last updated, distance away), dataset, radius, data source and next token.

REQUEST			
Parameters	Description	Mandatory	Example
location	Location [latitude,longitude]	Yes	1.2835627,103.85849 85
keyword	Keyword	Yes	Bayfront
sort	Sort [default rating distance_rating] (empty or default will sort by distance) e.g. default	No	Default
dataset	General search term Note: Use General Dataset Api to get all the Dataset values	No	atm, mrt_station, taxi_stand etc.
radius	Radius to search for	No	2000
datasource	Filters the search result to only contain public data or data related to the API key	No	mine or no datasource



nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records. Eg. MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGKY3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
RESPONSE			

4. Media API

4.1 General:

The APIs within this section provide generic Media functions to developers. For example, Category API provides developers with a list of categories found in Media.

GET	category http://tih-api.stb.gov.sg/media/v1/category		
Retrieves a list of Media categories. The query parameters include: type and next token.			
REQUEST			
Parameters	Description	Mandatory	Example
type	Type	No	
nextToken	Next Token	No	Next Token which will be used to retrieve the next set of records.
RESPONSE			

4.2 Download:

Download API allows media files to be downloaded through the use of a UUID.



GET download http://tih-api.stb.gov.sg/media/v1/download/uuid/{uuid}			
Download Media File. The query parameter includes file type. You can retrieve the UUID from a media provider API while creating a media library.			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	UUID of Media	Yes	Use libraryUuid, while creating library it generates, you can find it in library response Eg. 101b9697999b61344e883 3776a98d886761
fileType	file Type	No	
RESPONSE			

4.3 Library:

The Library APIs allow developers to retrieve Library details based on either the UUID, keyword or tag.

GET libraryByUUID http://tih-api.stb.gov.sg/media/v1/library/uuid/{uuid}			
Performs a search on Libraries based on UUID. You can retrieve the UUID from a media provider API while creating a media library.			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify an Library	Yes	while creating library it generates, you can find it in library response Eg. 0026b01ab0db6ab4f5 d9d119ab0cf04e401
RESPONSE			



GET **librarySearchByKeyword**
<http://tih-api.stb.gov.sg/media/v1/library/search>

Performs a search on Libraries based on keyword. The query parameters include: keyword, category, media type, start data and end date, geographical usage, sort, data source, next token and updated by.

REQUEST

Parameters	Description	Mandatory	Example
keyword	Keyword to look for when performing the search function	Yes	work
category	Category	No	
mediaType	Media Type [image video document]	No	Image
startDate	Start Date	No	2017-10-01
endDate	End Date	No	2017-10-01
sort	Type of sorting to be done on the result set	No	default
nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records. Eg. MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGCY3 UNFXW4UTFMJWJKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
usageGeographical	Usage Geographical	No	Global



datasource	Filters the search result to only contain public data or data related to the API key	No	Mine or no datasource
RESPONSE			

GET **librarySearchByTags**
<http://tih-api-uat.stb.gov.sg/media/v1/library/search/tags>

Performs a search on Libraries based on tags. The query parameters include: tag, geographical usage, sort, data source and next token.

REQUEST			
Parameters	Description	Mandatory	Example
tag	Filters search according to tags	Yes	Logo
sort	Type of sorting to be done on the result set	No	default
nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records. Eg: MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGCY3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
usageGeographical	Usage Geographical	No	Global
datasource	Filters the search result to only contain public data or data related to the API key	No	Mine or no datasource
RESPONSE			



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4.4 Media:

These Media APIs allow developers to retrieve Media details based on either the UUID, keyword or tag.

GET getMediaByUUID http://tih-api.stb.gov.sg/media/v1/media/uuid/{uuid}			
Performs a search on Media based on UUID. You can retrieve the UUID from a media provider API while creating a media library.			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify an Media	Yes	0026b01ab0db6ab4f5d9d119ab0cf04e401
RESPONSE			

GET searchMediaByKeyword http://tih-api.stb.gov.sg/media/v1/media/search			
Perform a search on Media based on keyword. The query parameters include: keyword, category, media type, orientation, geographical usage, start date and end date, sort and data source.			
REQUEST			
Parameters	Description	Mandatory	Example
keyword	Keyword	Yes	Media
category	Category	No	Brand Assets
mediaType	Type of media to search for	No	image
orientation	Orientation Type [HORIZONTAL SQUARE VERTICAL]	No	SQUARE
startDate	Start Date	No	2017-10-01
endDate	End Date	No	2017-10-05
sort	Sorting to be done on the result set	No	default



nextToken	Next Token	No	Next Token which will be used to retrieve the next set of records. Eg: MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGCY3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
usageGeographical	Usage Geographical	No	Global
datasource	Filters the search result to only contain public data or data related to the API key	No	mine
RESPONSE			

GET searchMediaByTags http://tih-api.stb.gov.sg/media/v1/media/search/tags			
Performs a search on Media based on tags.			
REQUEST			
Parameters	Description	Mandatory	Example
tag	Filters search according to tags	Yes	Logo
sort	Type of sorting to be done on the result set	No	default
orientation	Orientation Type [HORIZONTAL SQUARE VERTICAL]	No	SQUARE
datasource	Filters the search result to only contain public data or data	No	



	related to the API key		
nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records. Eg: MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGCY3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
usageGeographical	Usage Geographical	No	Global
1			
RESPONSE			

GET	listMediaTypes http://tih-api.stb.gov.sg/media/v1/media/types		
Retrieves list of Media type. The query parameters include: tag, sort by, orientation, geographical usage, data source and next token.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			

4.5 Document:

Document APIs allow developers to retrieve Document details based on either the UUID, keyword or tag.

GET	documentByUUID http://tih-api.stb.gov.sg/media/v1/document/uuid/{uuid}		
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Performs a search on Document based on UUID. You can retrieve the UUID from a media provider API while creating a media library.

REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify an Document	Yes	0026b01ab0db6ab4f5d9d119ab0cf04e401
RESPONSE			

GET **documentSearchByKeyword**
<http://tih-api.stb.gov.sg/media/v1/document/search>

Performs a search on Document based on keyword. The query parameters include: keyword, orientation, geographical usage, sort, data source, next token and updated by.

REQUEST			
Parameters	Description	Mandatory	Example
keyword	Performs a search on Libraries based on keyword	Yes	work
sort	Performs a search on Libraries based on keyword	No	default
orientation	Orientation Type[HORIZONTAL SQUARE VERTICAL]	No	SQUARE
usageGeographical	Usage Geographical	No	Global
datasource	Filters the search result to only contain public data or data related to the API	No	Mine
nextToken	Performs a search on Libraries based on keyword	No	Next Token which will be used to retrieve the next set of records. Eg: MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGCY3 UNFXW4UTFMZJWKYL



			SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
RESPONSE			

GET **documentSearchByTags**
<http://tih-api.stb.gov.sg/media/v1/document/search/tags>

Performs a search on Document based on tags. The query parameters include: tag, orientation, geographical usage, sort, data source and next token.

REQUEST

Parameters	Description	Mandatory	Example
tag	Filters search according to tags	Yes	Logo
orientation	OrientationType [Horizontal SQUARE VERTICAL]	No	SQUARE
sort	Type of sorting to be done on the result set	No	default
datasource	Filters the search result to only contain public data or data related to the api key	No	Mine
nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records. Eg: MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZG3Y3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B

			WWZLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
usageGeographical	Usage Geographical	No	Global
RESPONSE			

4.6 Image:

Image APIs allow developers to retrieve Image details based on either the UUID, keyword or tag.

GET	imageByUUID http://tih-api.stb.gov.sg/media/v1/image/uuid/{uuid}		
Performs a search on Images based on UUID. The UUID generates while creating new Image using createlImage from media provider API			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify an Image	Yes	0026b01ab0db6ab4f5 d9d119ab0cf04e401
RESPONSE			

GET	imageSearchByKeyword http://tih-api.stb.gov.sg/media/v1/image/search		
Performs a search on Images based on keyword. The query parameters include: keyword, orientation, geographical usage, sort, data source, next token and updated by.			
REQUEST			



Parameters	Description	Mandatory	Example
keyword	Keyword to look for when performing the search function	Yes	Keyword to look for when performing the search function
orientation	Orientation Type[HORIZONTAL SQUARE VERTICAL]	No	SQUARE
sort	Type of sorting to be done on the result set	No	Type of sorting to be done on the result set
datasource	Filters the search result to only contain public data or data related to the api key	No	Mine
nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records.
usageGeographical	Usage Geographical	No	Usage Geographical
RESPONSE			

GET
imageSearchByTags
<http://tih-api.stb.gov.sg/media/v1/Image/search/tags>

Performs a search on Images based on tags. The query parameters include: tag, orientation, geographical usage, sort, data source and next token.

REQUEST

Parameters	Description	Mandatory	Example
tag	Filters search according to tags	Yes	Logo
sort	Type of sorting to be done on the result set	No	default



nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records. Eg: MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGCY3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
usageGeographical	Usage Geographical	No	Global
RESPONSE			

4.7 Video:

Video APIs allow developers to retrieve Video details based on either the UUID, keyword or tag.

GET	videoByUUID http://tih-api.stb.gov.sg/media/v1/video/uuid/{uuid}		
Performs a search on Video based on UUID. You can retrieve the UUID from a media provider API while creating a media library.			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify an Video	Yes	0026b01ab0db6ab4f5d9d119ab0cf04e401
RESPONSE			

GET	videoSearchByKeyword http://tih-api.stb.gov.sg/media/v1/video/search		
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Performs a search on Video based on keyword. The query parameters include: keyword, orientation, geographical usage, sort, data source, next token and updated by.

REQUEST			
Parameters	Description	Mandatory	Example
keyword	Keyword to look for when performing the search function	Yes	work
orientation	Orientation Type [HORIZONTAL SQUARE VERTICAL]	No	SQUARE
sort	Type of sorting to be done on the result set	No	default
datasource	Filters the search result to only contain public data or data related to the api key	No	Mine
nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records. Eg: MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGKY3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
usageGeographical 1	Usage Geographical	No	Global
RESPONSE			

GET **videoSearchByTags**
<http://tih-api.stb.gov.sg/media/v1/video/search/tags>



Performs a search on Videos based on tags. The query parameters include: tag, orientation, geographical usage, sort, data source and next token.

REQUEST			
Parameters	Description	Mandatory	Example
tag	Filters search according to tags	Yes	Logo
orientation	Orientation Type [HORIZONTAL SQUARE VERTICAL]	No	SQUARE
sort	Type of sorting to be done on the result set	No	default
datasource	Filters the search result to only contain public data or data related to the api key	No	Mine
nextToken	Next Token which will be used to retrieve the next set of records.	No	Next Token which will be used to retrieve the next set of records. Eg: MNXW2LTTORRC45DJ NAXGG33SMUXG233E MVWC4QLUORZGCY3 UNFXW4UTFMZJWKYL SMNUFEZLTOVWHIJX IMSTOQZRG13SKN2DE U3UGMRQEU3UGJXI MZDAJXIMSTOQ3UPF YGKJTIQSTOQZFG5B WWZLZO5XXEZBFGNC GCJXIMSTOQ3EMF2G C43POVZGGZJFGNCK N2DEU3UG
usageGeographical	Usage Geographical	No	Global
RESPONSE			

5. 3RD Party API

5.1 Weather:

The Weather API allows users to retrieve weather forecasts of various areas in Singapore.



GET	weatherBy2hr http://tih-api.stb.gov.sg/weather/v1/2hr-forecast		
Returns list of forecast by areas.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			

GET	weatherBy24hr http://tih-api.stb.gov.sg/weather/v1/24hr-forecast		
Returns list of forecast by regions.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			

GET	weatherBy4day http://tih-api.stb.gov.sg/weather/v1/4day-forecast		
Returns list of forecast.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			



5.2 Public Transport – bus

This section provides users with the ability to retrieve data pertaining to buses in Singapore. Bus arrivals, bus stop details and bus services are some of the data that can be retrieved through these API utilization.

GET busStopByLocation http://tih-api.stb.gov.sg/transport/v1/bus_stop			
Returns list of Bus Stops by Location.			
REQUEST			
Parameters	Description	Mandatory	Example
location	Location to conduct the search on	Yes	1.3891489,103.8416427
radius	Radius to restrict the search on	No	1000
RESPONSE			

GET busStopByBusStopCode http://tih-api.stb.gov.sg/transport/v1/bus_stop/bus_stop/{stopcode}			
Returns Bus Stop details by Bus Stop Code.			
REQUEST			
Parameters	Description	Mandatory	Example
stopcode	Bus Stop Code	Yes	55039
RESPONSE			

GET busServiceByBusStopCode http://tih-api.stb.gov.sg/transport/v1/bus_service/bus_stop/{stopcode}			
Returns list of Bus Services by Bus Stop Code.			
REQUEST			
Parameters	Description	Mandatory	Example
stopcode	Bus Stop Code	Yes	55039



RESPONSE

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GET

busServiceByOperator

http://tih-api.stb.gov.sg/transport/v1/bus_service/operator/{operator}

Returns list of Bus Services by Operator.

REQUEST

Parameters	Description	Mandatory	Example
operator	Operator Details	Yes	Eg. [SBST SMRT GAS TTS]

RESPONSE

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GET

busRouteByBusService

http://tih-api.stb.gov.sg/transport/v1/bus_route/service/{bus_service}

Returns list of Bus Routes by Bus Service.

REQUEST

Parameters	Description	Mandatory	Example
bus_service	Bus service	Yes	163

RESPONSE

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GET

busArrivalByBusStop

http://tih-api.stb.gov.sg/transport/v1/bus_arrival/bus_stop/{bus_stop}

Returns list of Bus Arrivals by Bus Stop.

REQUEST

Parameters	Description	Mandatory	Example
bus_stop	Bus Stop Code	Yes	55039

RESPONSE

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GET **busArrivalByBusStopAndBusService**
http://tih-api.stb.gov.sg/transport/v1/bus_arrival/bus_stop/{bus_stop}/bus_service/{bus_service}

Returns list of Bus Arrivals by Bus Stop and Bus Service.

REQUEST			
Parameters	Description	Mandatory	Example
bus_stop	Bus Stop Code	Yes	55039
bus_service	Bus service	Yes	163
RESPONSE			

6. Google Wrapper API

The Google Wrapper APIs allows developers to perform searches based on existing Google APIs. Text search and nearby search are some of the functionalities provided to the developers that are found within this section.

GET **googleNearbySearch**
<http://tih-api.stb.gov.sg/google/place/nearbysearch/{format}>

A Nearby Search that lets you search for places within a specified area.

REQUEST			
Parameters	Description	Mandatory	Example
format	Format of the result to be returned	Yes	json
location	Location	Yes	1.3891489,103.8416427
radius	Radius	Yes	2000
keyword	Keyword	No	Gardens By The Bay
name	Name	No	Gardens By The Bay
type	Type	No	locality



pagetoken	Page Token	No	CtQCRQEAAoLoG28toil vxFAQVBu3owq3Pg2N rPnteqvBwbmdnZakI3 KVzwlU8zGb8oC0Cuu 6WG3QnXelyU834i9iP lBrU700ITorJxjv3cLgjqI b89UUZZejpFMrn8U2 38MSyCiUgaNe_Fu65x gYQu5wi4cUkQ2ux09 qhLW- ZxQf62nNryULKyF9oO IN2V6aVusaXAw4WM NjSk9doMMIXlIT1d3ez PT- 8minbmFPOODVr9ZH4 DX5tPN4KD01ttAyr3E hrpII- 0IUcO0N2Iiyj8u8UIRc GHPeHdnm5ECmW7F OcyT7YMI8W2RLzaE6VX2n0mrcdJbBxAC 7z00IeniRxqoAmVkoX bRRbCUB9lLpK6kkgAP SrMXrBzRKpv2r6XMZ M7MwwkQ9B5DDM9 4nrNsXBoVB99oyf9jQ HIGRldqUbX8113dsUq 81FBqfroIN2ZnjtOLu_F 7TxIQmO- 5IRgNrxjbb8E84L9CB oU- 18lJsD6nRKpNdSNszgg PdQc-ns
RESPONSE			

GET	googleTextSearch		
http://tih-api.stb.gov.sg/google/place/textsearch/{format}			
A web service that returns information about a set of places based on a string — for example “pizza in New York”.			
REQUEST			
Parameters	Description	Mandatory	Example



format	Format of the result to be returned	Yes	json
query	Query	Yes	pizza in New York
location	Location	No	1.3891489,103.84164 27
radius	Radius	No	2000
type	Type	No	locality
pagetoken	Page Token	No	CtQCRQEAAoLoG28toil vxFAQVBu3owq3Pg2N rPnteqvBwbmdnZakI3 KVzwlur8zGb8oC0Cuu 6WG3QnXelyU834i9iP lBrU700ITorJxjv3cLgjqI b89UUZZejpFMrn8U2 38MSyCiUgaNe_Fu65x gYQu5wi4cUkQ2ux09 qhLW- ZxQf62nNryULKyF9oO IN2V6aVusaXAw4WM NjSk9doMMIXlIT1d3ez PT- 8minbmFPOODVr9ZH4 DX5tPN4KD01ttAyr3E hrplI- 0lUcO0N2liyj8u8UIRc GHPeHdnm5ECmW7F OcyT7YMI8W2RLzaE6VX2n0mrCDJbBxAC 7z00lenlRxqoAmVkoX bRRbCUB9lLpK6kkgAP SrMXrBzRKpv2r6XMZ M7MwwkQ9B5DDM9 4nrNsXBoVB99oyf9jQ HIGRldqUbX8113dsUq 81FBqfroIN2ZnjtOLu_F 7TxIQmO- 5IRgNrxjbb8E84L9CB oU- 18lJsD6nRKpNdSNszgg PdQc-ns
RESPONSE			

GET **googleDirectionSearch**
<http://tih-api.stb.gov.sg/google/directions/{format}>

A service that calculates directions between locations using a HTTP request.

REQUEST			
Parameters	Description	Mandatory	Example
format	Format of the result to be returned	Yes	json
origin	Origin	Yes	75 9th Ave, New York, NY
destination	Destination	Yes	MetLife Stadium Dr East Rutherford
RESPONSE			

GET	googlePlaceDetails		
http://tih-api-uat.stb.gov.sg/google/place/details/{format}			
A web service that returns information about a set of places based on a placeid.			
REQUEST			
Parameters	Description	Mandatory	Example
format	Format of the result to be returned	Yes	json
placeid	place ID	Yes	ChIJz1bd_L0W2jERnvu hXEaJgAs
RESPONSE			

GET	googlePhotoSearch		
http://tih-api.stb.gov.sg/google/place/photo			
A service that accesses referenced photos and resizes the image to the optimal size based on photo reference using a HTTP request.			
REQUEST			
Parameters	Description	Mandatory	Example

photo_reference	Photo to search for	Yes	CmRaAAAARVDSMA6s N8iqN6kTE1f0KR8SY vHB0Qk2znKqPKINCuy 2eKOAHV8fSzF3L_1D1PlxMMLpB5LLtfuiq M67TrTxVUCiBXC_uPL Y3MiQ2Op8hA8qZngH H1FplCpwlzX2- 4EhBs1mMZtQM7skhnuxFmml_GhSAMGs qtFS_BaniG7OGFckGo 1cxXw
maxwidth	maximum width	Yes	400
maxheight	maximum height	No	400
RESPONSE			

GET	googleAutocompleteSearch http://tih-api.stb.gov.sg/google/place/autocomplete/{format}		
<p>As the user types, this service sends queries to provide on-the-fly place predictions using a HTTP request.</p>			
REQUEST			
Parameters	Description	Mandatory	Example
format	Format of the result to be returned	Yes	json
input	Search Keyword	Yes	Amoeba
RESPONSE			