Web Service Endpoint

Search for places that meet specific criteria to autocomplete a place search

Find results that you can use to autocomplete searches.

Apple Maps Server API 1.2+

URL

> **GET** https://maps-api.apple.com/v1/searchAutocomplete

Query Parameters

q string	**(Required)** The query to autocomplete. For example, `q=eiffel`.
excludePoiCategories [PoiCategory]	A comma-separated list of strings that describes the points of interest to exclude from the search results. For example, `excludePoiCategories=Restaurant,Cafe`. See <u>PoiCategory</u> for a complete list of possible values.
includePoiCategories [PoiCategory]	A comma-separated list of strings that describes the points of interest to include in the search results. For example, `includePoiCategories=Restaurant,Cafe`. See <u>PoiCategory</u> for a complete list of possible values.
lang Lang	The language the server uses when returning the response, specified using a BCP 47 language code. For example, for English, use `lang=en-US`. Default: en-US

limitToCountries [`string`]	A comma-separated list of two-letter ISO 3166-1 codes of the countries to limit the results to. For example, `limitToCountries=US,CA` limits the search to the United States and Canada. If you specify two or more countries, the results reflect the best available results for some or all of the countries rather than everything related to the query for those countries.
resultTypeFilter [`SearchACResultType`]	A comma-separated list of strings that describes the kind of result types to include in the response. For example, `resultTypeFilter=Poi`.
searchLocation `SearchLocation`	A location the app defines as a hint. Specify the location as a comma-separated string containing the latitude and longitude. For example, `searchLocation=37.78,-122.42`. If you don't provide a `searchLocation`, the server uses `userLocation` and `searchRegion` as fallback hints.
searchRegion `SearchRegion`	A region the app defines as a hint for the search. Specify the region as a comma-separated string that describes the region in the form of a north-latitude, east-longitude, south-latitude, west-longitude string. If you don't provide `searchLocation`, the server uses `userLocation` and `searchRegion` as fallback hints. For example, `searchRegion=38,-122.1,37.5,-122.5`.
userLocation `UserLocation`	The location of the user, specified as a comma-separated string that contains the latitude and longitude. For example, `userLocation=37.78,-122.42`. Certain APIs, such as Search, may opt to use the `userLocation`, if specified, as a fallback for the `searchLocation`.
searchRegionPriority `string`	A value that indicates the importance of the configured region. Possible Values: `default, required`
includeAddress Categories [`AddressCategory`]	A comma-separated list of strings that describes the addresses to include in the search results. For example, `includeAddressCategories=SubLocality,PostalCode`. If you use this parameter, you must include `address` in `resultTypeFilter`. See <u>AddressCategory</u> for a complete list of possible values.
excludeAddress Categories [`AddressCategory`]	A comma-separated list of strings that describes the addresses to exclude in the search results. For example, `excludeAddressCategories=Country,AdministrativeArea`. If you use this parameter, you must include `address` in `resultTypeFilter`. See <u>AddressCategory</u> for a complete list of possible values.

Response Codes

200
SearchAutocomplete
Response

OK
Returns a list of <u>SearchAutocompleteResponse</u> results.
Content-Type: application/json

400
ErrorResponse

Bad Request
An <u>ErrorResponse</u> object that contains an error message and an array of strings that contain additional details about the error.
Content-Type: application/json

401
ErrorResponse

Unauthorized
An <u>ErrorResponse</u> object that contains an error message that indicates the Maps access token is missing or invalid, and an array of strings that contains additional details about the error.
Content-Type: application/json

429
ErrorResponse

An <u>ErrorResponse</u> object that indicates the call exceeds the daily service call quota for the authorization token. The app can try again later. If your app requires a larger daily quota, submit a <u>quota increase request form</u>.
Content-Type: application/json

500
ErrorResponse

Internal Server Error
An <u>ErrorResponse</u> object that contains a server error message and an array of strings that describe additional details about the error.
Content-Type: application/json

Discussion

Example

Request   Response

```
curl -si -H "Authorization: Bearer <maps_access_token>" \
"https://maps-api.apple.com/v1/searchAutocomplete?q=museum&searchLocation=37.7753881
```

See Also

Searching

`type AddressCategory`

Search categories related to political geographical boundaries.

type `SearchACResultType`

An enumerated string that indicates the result type for the search request.

type `SearchResultType`

An enumerated string that indicates the result type for the search autocomplete request.

object `AlternateIdsResponse`

A list of alternate Place IDs and associated errors.

object `AlternateIdsResponse.AlternateIds`

Contains a list of alternate Place IDs for a given Place ID.

object `PlacesResponse`

A list of Place IDs and errors.

object `PlacesResponse.PlaceLookupError`

An error associated with a lookup call.

Search for places that match specific criteria

Find places by name or by specific search criteria.

Search for a place using an identifier

Obtain a Place object for a given Place ID.

Search for places using mulitple identifiers

Obtain a set of Place objects for a given set of Place IDs.

Obtain a list of alternate place identifiers

Get a list of alternate Place IDs given one or more Place IDs.