☐ **Documentation**

Web Service Endpoint

Determine estimated arrival times and distances to one or more destinations

Returns the estimated time of arrival (ETA) and distance between starting and ending locations.

Apple Maps Server API 1.2+

URL

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

Query Parameters

origin
`string`

(Required) The starting point for estimated arrival time requests, specified as a comma-separated string that contains the latitude and longitude. For example, `origin=37.331423,-122.030503`.

destinations
`[string]`

(Required) Destination coordinates represented as pairs of latitude and longitude separated by a vertical bar character ("|").

For example, `destinations=37.32556561130194,-121.94635203581443|37.44176585512703,-122.17259315798667`.

The parameter must specify at least one destination coordinate, but no more than 10 destinations. Specify the location as a comma-separated string that contains the latitude and longitude.

transportType
`string`

The mode of transportation to use when estimating arrival times.
Default: `Automobile`
Possible Values: `Automobile`, `Transit`, `Walking`, `Cycling`

departureDate string	The time of departure to use in an estimated arrival time request, in ISO 8601 format in UTC time. For example, `departureDate=2020-09-15T16:42:00Z`. If you don't specify a departure date, the server uses the current date and time when you make the request.
arrivalDate string	The intended time of arrival in ISO 8601 format in UTC time.

Response Codes

200 EtaResponse	**OK** An array of <u>EtaResponse</u> objects that contain distance and time from the origin to each destination. 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. 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 presented. The app should 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/
```

See Also

Directions

`Search for directions and estimated travel time between locations`
Find directions by specific criteria.