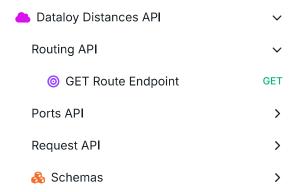
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Opening the state of the sta

APIS



GET Route Endpoint

GET route/

Use the GET Response Example

request with

the

minimum

number of

parameters

to get any

route

worldwide.

Load examples

are not rendered
by default.

Request

> Security: API Key

Query Parameters

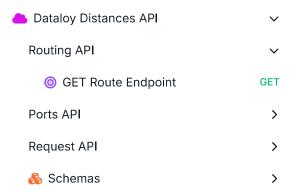
avoid_eca_factor number

By default,
routes pass the
shortes way
through any ECA
zones. To avoid
ECA, a factor
between 1-5 can
be entered,
where 1 is no
avoidance and 5

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is maximum avoidance. Recommended value for achieving a good avoidance is as low as 1.3.

Default: 1

Examples: 1.3

avoid_hra_factor number

By default, routes pass the shortes way through any HRA zones. To avoid HRA, a factor between 1-5 can be entered, where 1 is no avoidance and 5 is maximum avoidance. Recommended value for achieving a good avoidance is 2. Default: 1

avoid_ice_factor number

Examples: 2

By default, routes pass the shortes way through any ice areas. To avoid ice, a factor between 1-5 can be entered, where 1 is no avoidance and 5 is maximum avoidance. Recommended value is 5. Default: 1 Examples: 5

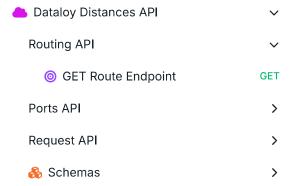
block_area array[string]

Gives you the possibilty to block specific areas. You can add several areas in the block_area

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parameter seperating the areas by a semicolon (;). Radius is given in meters. The format of one block area is: [longitude,latitude,radius] . The format of several block areas is: [longitude,latitude,radius;longitude,latitude,radius] . Examples: 55. 528 63, 9.7 28 39,1 00 0;5 5.5 659 22,1 0.8 65 4,5 00 00

block_cc boolean

By default, routes will go via the Corinth Canal if this is the shortest option. To block the Corinth Canal and force routing around it, set this parameter to true.

Default: false
Examples: fals

block_kc boolean

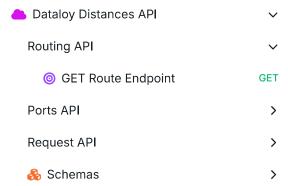
е

By default, routes will go via the Kiel Canal if this is the shortest option. To block the Kiel Canal and force routing around it, set this

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parameter to

true .

Default: false

Examples: fals

е

block_ne boolean

By default, routes will go via the North East Passage if this is the shortest option. To block the North East Passage and force routing around it, set this parameter to true .

Default: false

Examples: tru

е

block_nw boolean

By default, routes will go via the North West Passage if this is the shortest option. To block the North West Passage and force routing around it, set this parameter to

true .

Default: false

Examples: tru

е

block_pc boolean

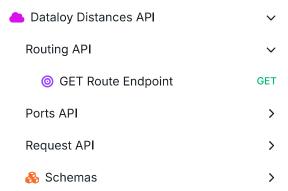
By default, routes will go via the Panama Canal if this is the shortest option. To block the Panama Canal and force routing around it, set this parameter to true .

Default: false

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Examples: tru e

block_sc boolean

By default, routes will go via the Suez Canal if this is the shortest option. To block the Suez Canal and force routing around it, set this parameter to true.

Default: false Examples: fals e

block_ts boolean

By default, routes will go via the Torres Strait if this is the shortest option. To block the Torres Strait and force routing around it, set this parameter to true.

Default: false

Examples: fals
e

point array[string] required

The points for which the route should be calculated. Format:

[latitude,longitude].

Specify at least an origin and a destination. Via points are possible.

Examples: 33. 751

66, -11

8.2 708

64

Body

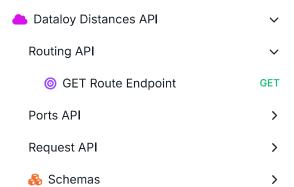
application/json ~

application/json ~

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Responses

Routing Result

```
Body
responses / 200
 \vee info object
       copyrights array[string]
       took integer
 ∨paths array[object]
       distance number<double>
       bbox array[number<double>]
       The
       bounding
       box of
       the
       route
       geometry.
       Format:
       [minLon,
       minLat,
       maxLon,
       maxLat] .
     >points object
        The
        geometry
        of the
        route.
     > details object
```