

# EMBED API PARAMETERS

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### apikey

This is the only mandatory parameter and must be set to one of your API keys.

### lat

The latitude of the map centre (default = 0).

### lon

The longitude of the map centre (default = 0).

### **bearing**

Initial map bearing in degrees [0, 360], measured counter-clockwise from north (default = 0).

### **pitch**

Initial map tilt in degrees [0, 60] (default = 0).

### **zoom**

Initial map zoom level [0, 20] (default = 1).

### **lang**

Map label language. Either the ISO-639-1 two-character code (e.g. en) or one of:

- english
- italian
- spanish
- french
- hebrew
- german
- japanese
- korean
- chinese

### **style**

One of:

- natural
- osm-bright
- osm-liberty
- positron
- dark-matter

(default = osm-bright)

### **interactive**

Make the map non-interactive (i.e. zoom, bearing and pitch are fixed) by including `interactive=false`. When set to false the options `nav`, `full` and `locate` are disabled.

## **nav**

Enable navigation controls (zoom, bearing) by including `nav`.

## **full**

Enable fullscreen controls by including `full`.

## **locate**

Enable location controls. Optional flags include support for high accuracy and tracking, i.e. ongoing positioning.

- Just including `locate` enables location controls.
- Including the flags `high-accuracy` or `track` enables those options as well. To enable both, separate them with `|`, e.g. `locate=high-accuracy|track`.

## **fly**

Enable animation. Two modes are available:

### **around**

This will circle around the centre of the map and can further be tweaked with the following option:

- `speed`, which is one of `slow`, `medium` or `fast` (default = `medium`).

Options of parameters are written as comma-separated key-value pairs in curly braces, similar to JSON objects.

Example: `fly=around{speed:slow}`

### **to**

This will fly from the centre of the map, to a different location / zoom / pitch / bearing. The options are:

- `speed`, which is one of `slow`, `medium` or `fast` (default = default speed).
- `lat`, the latitude of the destination (default = map centre latitude).
- `lon`, the longitude of the destination (default = map centre longitude).
- `zoom`, the destination zoom level (default = default zoom).
- `pitch`, the destination pitch (default = map centre pitch).
- `bearing`, the destination bearing (default = map centre bearing).

Options of parameters are written as comma-separated key-value pairs in curly braces, similar to JSON objects.

Example: `fly=to{zoom:13}`

Example: `fly=to{zoom:13,lat:10.0,lon=10.0,speed:slow}`

## **marker**

Set a marker on the map. This option can be repeated. Currently the only type of marker that can be set is a pin.

## **pin**

A pin supports the following options:

- `lat`, the latitude of the destination (default = map centre latitude).
- `lon`, the longitude of the destination (default = map centre longitude).
- `color`, an RGB value encoded as three consecutive hex numbers, e.g. `000000` for black or `ff0000` for red. (default = `ff0000`)
- `md`, a popup window attached to the pin which is shown, when the pin is clicked on. The popup text supports markdown syntax, except for code blocks and inline HTML. To include it in the query string, certain characters must be percent encoded as they would otherwise assume a different meaning. Specifically:
  - `#` must be encoded to `%23` as it would otherwise signify the end of the query string.
  - `:` must be encoded to `%3A` as it separates the key from a value in the pin options.
  - `,` must be encoded to `%2C` as it separates key-value pairs in pin options.
  - `&` must be encoded to `%26` as it separates key-value pairs in query strings.
  - `=` must be encoded to `%3D` as it separates the key from a value in query strings.
  - `␣` (a space) must be encoded to `%20` as it is not valid in a URL.

Options of parameters are written as comma-separated key-value pairs in curly braces, similar to JSON objects.

Example: `marker=pin{lat:10,lon:10,color:0000ff,md:**This%20text%20is%20bold**}`

Example: `marker=pin{color:ffbb00,md:Visit%20[timatis.com](https://www.timatis.com)}`