

# The MapLocation Field Type

This Field Type represents a geographical location.

Name	Internal name	Expected input
MapLocation	ezgmaplocation	mixed

## Table of contents:

- [Description](#)
- [Input expectations](#)
- [Value object](#)
  - [Properties](#)
  - [Constructor](#)
- [Parameters accepted by ez\\_render\\_field Twig function](#)

## Description

This Field Type makes possible to store and retrieve a geographical location.

As input it expects two float values, latitude, longitude, and a string value in third place, corresponding to the name or address of the location.

## Input expectations

Type	Example
array	<pre>array( 'latitude' =&gt; 59.928732, 'longitude' =&gt; 10.777888, 'address' =&gt; "eZ Systems Norge" )</pre>

## Value object

### Properties

The Value class of this Field Type contains the following properties:

Property	Type	Description
\$latitude	float	This property will store the latitude value of the map location reference.
\$longitude	float	This property will store the longitude value of the map location reference.
\$address	string	This property will store the address of map location.

### Constructor

The `MapLocation\Value` constructor will initialize a new Value object with the values provided. Two floats and a string are expected.

#### Constructor example

```
// Instantiates a MapLocation Value object
$MapLocationValue = new MapLocation\Value( 59.928732, 10.777888, "eZ Systems Norge" );
```

## Parameters accepted by ez\_render\_field Twig function

The template called by the `ez_render_field()` Twig function while rendering a Map Location field accepts the following the parameters:

Parameter	Type	Default	Description
mapType	string	"ROADMAP"	One of the GMap type of map
showMap	boolean	true	Whether to show a Google Map
showInfo	boolean	true	Whether to show a latitude, longitude and the address outside of the map
zoom	integer	13	The initial zoom level on the map
draggable	boolean	true	Whether to enable draggable map
width	string false	"500px"	The width of the rendered map with its unit (for example "500px" or "50em"), set to false to not set any width style inline.
height	string false	"200px"	The height of the rendered map with its unit (for example "200px" or "20em"), set to false to not set any height style inline.

Example:

```
{{ ez_render_field(content, 'location', {'parameters': {'width': '100%', 'height': '330px', 'showMap': true, 'showInfo': false}}) }}
```