

MapMarkers

The **MapMarkers** component together with the plugin offers a simple method for objects with gpx coordinates to maintain in a database and to display on a map"

The **MapMarkers** plugin places a map in the content of an article with one or more markers from the database.

The parameters of mapmarkers in the content define which markers are displayed.

com_mapmarkers must be installed and active.

The format of mapmarkers in the content is {mapmarkers
parameter1=value;parameter2=value;....parameterx=value;

Single marker

{mapmarkers name=value} The value of the name is the value as in the database.

Multi markers within a given distance to a point.

{mapmarkers lata=value;lona=value;dist=value}

lata and lona are the coordinates of the point (e.g. lata=51.502 lona=-0.184). The plugin searches the database for all objects within a distance 'dist' (e.g. dist=50)km for this point and places them on the map.

Multi markers within a given distance to a virtual line between 2 points.

{mapmarkers lata=value;lona=valu;latb=value;lonb=value;dist=value}

The coordinates lata/lona and latb/lonb define the virtual line. The plugin searches the database for all objects within a distance 'dist' from this line and puts them on the map

Map Configuration Parameters

- Width: The width of the map in pixels
- Height: The height of the map in pixels
- Zoom factor: the zoom level of the map
- Map Style: Google maps, OpenstreetMap, MapQuest or OpenCylceMap

Icon Configuration

When no icon value is given the maps default icon is used.

In case of a single marker the icon value of the object is, when given, used. This value is stored with the object in the database.

The icons must be stored in the map joomla/images/icons.

Icon Configuration parameters

- Default icon: selection list with the content of the map joomla/images/icons
- Icon size: Size of the icon image in pixels.
- Icon anchor: The coordinates of the "tip" of the icon (relative to its top left corner). The icon will be aligned so that this point is at the marker's geographical location. Centered by default if size is specified, also can be set in CSS with negative margins.

- Shadow Image: selection list with the content of the map `joomla/images/icons`
- Shadow size: Size of the shadow image in pixels.
- Shadow anchor: The coordinates of the "tip" of the shadow (relative to its top left corner) (the same as `icon Anchor` if not specified).
- Popup Display: never or "on mouse click"
- Popup anchor: The coordinates of the point from which popups will "open", relative to the icon anchor.

Mapmarkers within tabs.

The mapmarkers extension provides also an automatic integration with the extension **SimpleTabs**. This integration solves the problem of a not correct display of a map within tabs.