**All regions, locations and connecting lines are configured with files found within the /ASSETS/CONFIGS/ folder.**

# Adding Regions

To add a new region, add a new entry into the “regions” array within the “regions.json” file.

All parameters are required unless stated otherwise.

### Parameters available for new regions are:

* “name” – a short string used for the display name of the region.
* “description” – a medium length string used for a description of the region.
* “region\_id” – a **unique** integer identifier for the region, easiest is to use one up from the previous entry.

# Adding Locations

To add a new location to a region, add an entry to the “locations” array in “locations.json”.

All parameters are required unless stated otherwise.

### Parameters available for new locations are:

* “name” – a short string used for the display name of the location.
* “description” – a medium length string used for a description of the location.
* “key\_points” – a string array of key points about the region, displayed as bullet points in the application. There is no limit to the number of key points.
* “region” – the region\_id to group this location under, specified in the “regions.json” file.
* “location\_id” – a **unique** integer identifier for the location, easiest is to use one up from the previous entry.
* “is\_pointcloud” – does this location contain pointcloud data? Boolean true/false.
* “filename” – the name of the folder the pointcloud is contained in. **Only required if “is\_pointcloud” is true.**
* “z\_offset” – an offset of the height of the pointcloud to the map. **Only required if “is\_pointcloud” is true.**
* “videos” – an array of videos within the location. **Only required if “is\_pointcloud” is true.**
  + “title” – a short string used as the title of the video.
  + “filename” – the filename of the video, used for video, thumbnail and gps data files.
  + “offset” – an array of X,Y,Z values to offset the video by.
* “gps” – the GPS position of the location. **Only required if “is\_pointcloud” is false.**

# Adding Lines

To add new lines in the regional view, add an entry to the “lines” array in the “lines.json” file.

All parameters are required unless stated otherwise.

### Parameters available for lines are:

* “from” – the “location\_id” to start the line from, specified in the “locations.json” file.
* “to” – the “location\_id” to end the line at, specified in the “locations.json” file.
* “text” – the short text string to display on the line annotation. **An optional parameter.**