CLIQTAGS

Geofencing

Abiro

revision 3

Introduction

- Geofencing is supported via a combination of the CliqTags service and the CliqTags Spotter app available for iOS and Android

- Content and geofence associations are created in CliqTags

- CliqTags Spotter then shows information related to those locations

- CliqTags Spotter supports both beacons and geofences and presents them in the same way

Go to the Sites / Edit / Location tab of a site

Create geofences

New creates a geofence.

Delete removes the selected (green) geofence.
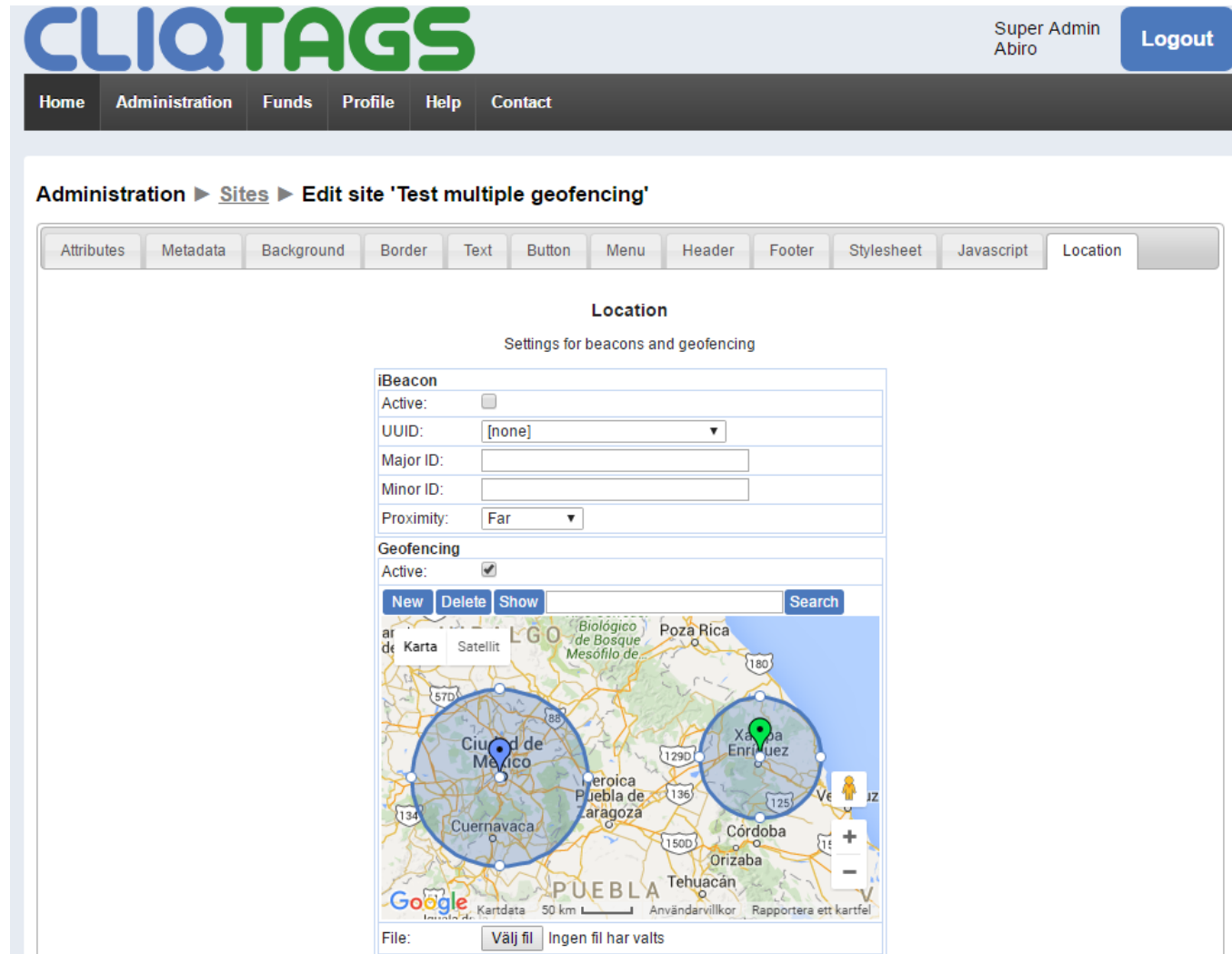
Show aligns the map so all geofences are shown.

Search looks up an address.

File enables uploading of geofences in CSV format.

You can zoom and pan the map the usual way.

See the tooltips for more.

Once a geofence has been created you can move it, as well as change the size of the circle.

Geofences uploaded via File will be shown next time you go to Edit / Location, for possible further editing.

Don't forget to check **Active** before you save.

Other settings

These affect both beacons and geofences in similar ways:

- **Dwell time**: The time in seconds before a a site is shown when moving into or out of a geofence (as controlled by Direction)
- **Direction**: Defines in what direction (inwards or outwards) the user needs to move to trigger showing a site
- **Immediate**: Determines whether the site content should be shown immediately or not
- **Banner**: Content to show in the app when a geofence has been detected
- **Semantics**: URL schemes to control features like making a call etc

App notes

- The app has several geofencing-related preferences, but the default settings are optimized for low-power use

- The user has to move at least 20 meters from previous location for a new geofence check; the phone itself might then add more to that distance

- The phone is considered inside a geofence when the location overlaps a geofence, taking accuracy into account
  - Yet, max 100 meters, to avoid false triggering

- Overlapping geofences are treated as one geofence

- Dwell time will be active even after leaving a geofence

Geofences (location and radius)

The phone's location and accuracy