

Legal

The geo plugin was created according to best knowledge and thoroughly tested. Nevertheless its failure free use can not be guaranteed under no circumstance. If you encounter errors, we ask you to report these to us so we can try to improve the application for you.

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Prerequisites

The plugin requires a working and licensed copy of bcAdmin 2.0.

Redaction

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Geo-Plugin

Installation

For bcAdmin 2 being able to load the plugin, it has to be located at the following folder inside the user folder:

~/Library/Application Support/bcAdmin2/PlugIns/

If necessary the folder has to be created beforehand. As soon as the plugin was copied to this folder, bcAdmin 2 loads it on each start and it can be started via File -> PlugIns->GeoLocate .

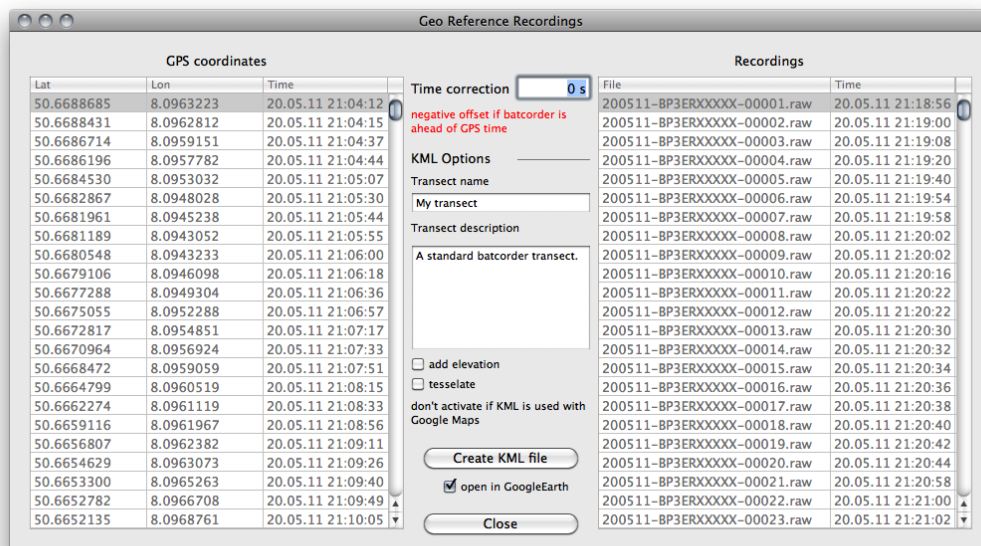
Prerequisites

For geo referencing recordings you need a GPX file, for example produced by a GPS tracker. The correlation of recordings with coordinates is done using recording and waypoint timestamps.

Features

After calculating a correlation of recordings with coordinates the GPS plugin produces a KML file containing coordinate pairs for each recording. The plugin includes all selected recordings in its correlation.

Thus, you best select all recordings you want georeferenced first, and then start the plugin via File -> PlugIns -> Geolocate



Settings

Before creating a KML file some parameters can be set which influence the geo-referencing process as well as the output file.

The most important setting is a possible offset of GPS and batcorder. Since the timestamps are used for correlation, either both GPS and batcorder clocks are set to the same time (some little variation may not produce problems), or the time difference between both needs to be given to the plugin. If you give a negative time correction value, it means the batcorder clock was ahead of the GPS clock.

Other settings influence the KML file, so it is possible to give a transect name and description.