

OwnTracks Installation Instruction

Introduction

The OwnTracks is a free app that records your location in the background. All data are securely stored on Western University servers and will only be used to understand your travel activity patterns for a research purpose.

Initial Step

- Install OwnTracks on your Android or iOS device using the QR codes.

Android



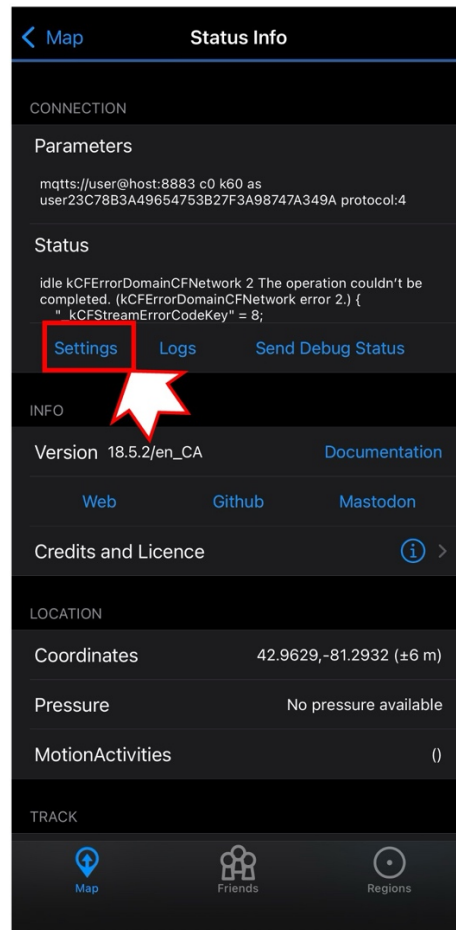
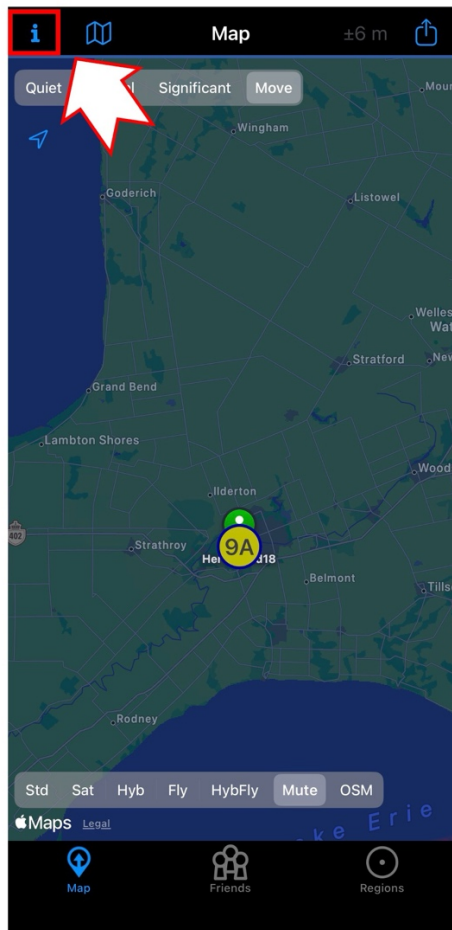
iOS



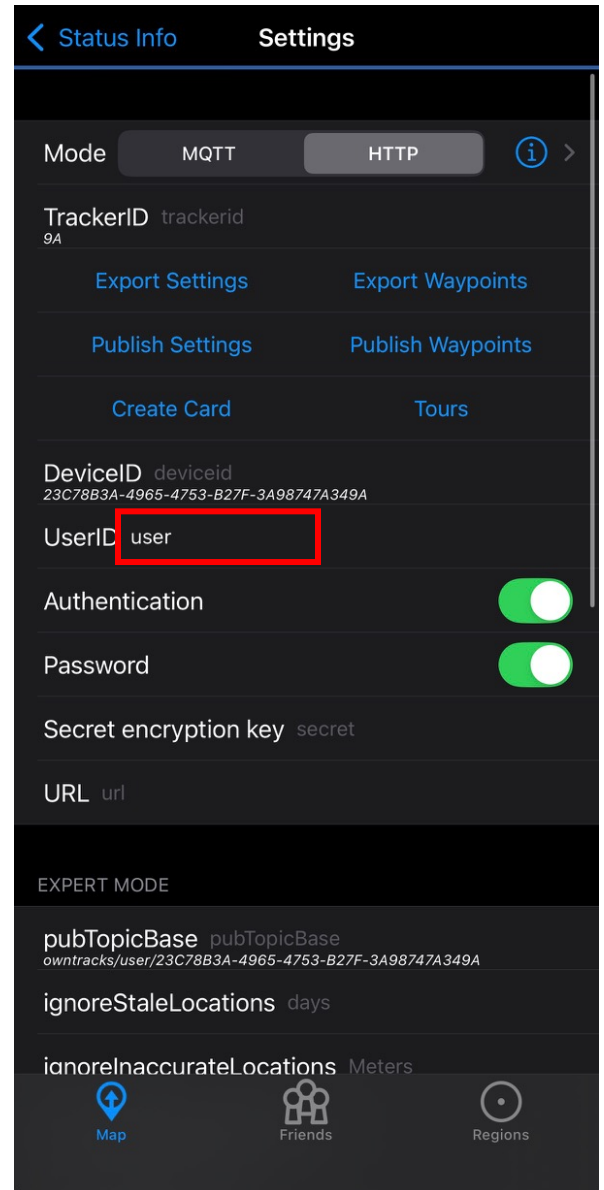
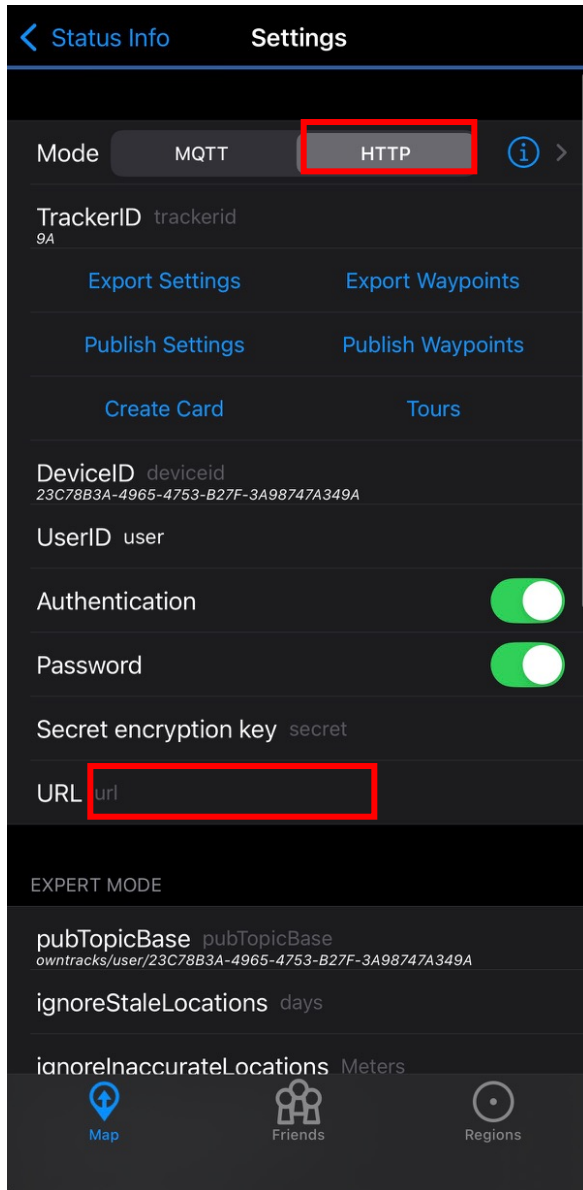
- Please open the app on your phone.
 - This app uses minimal battery, but it must stay open in the background to track your movement accurately.
 - Please avoid closing the app by swiping up.
- For iOS User:
 - Please set the 'Location Access' for OwnTracks to 'Always'. If it is set to 'While Using the App' background tracking will not function properly.
- For Android User:
 - Please disable 'Battery Optimization' for OwnTracks to prevent the system from closing the app in the background.

Setting for iOS users

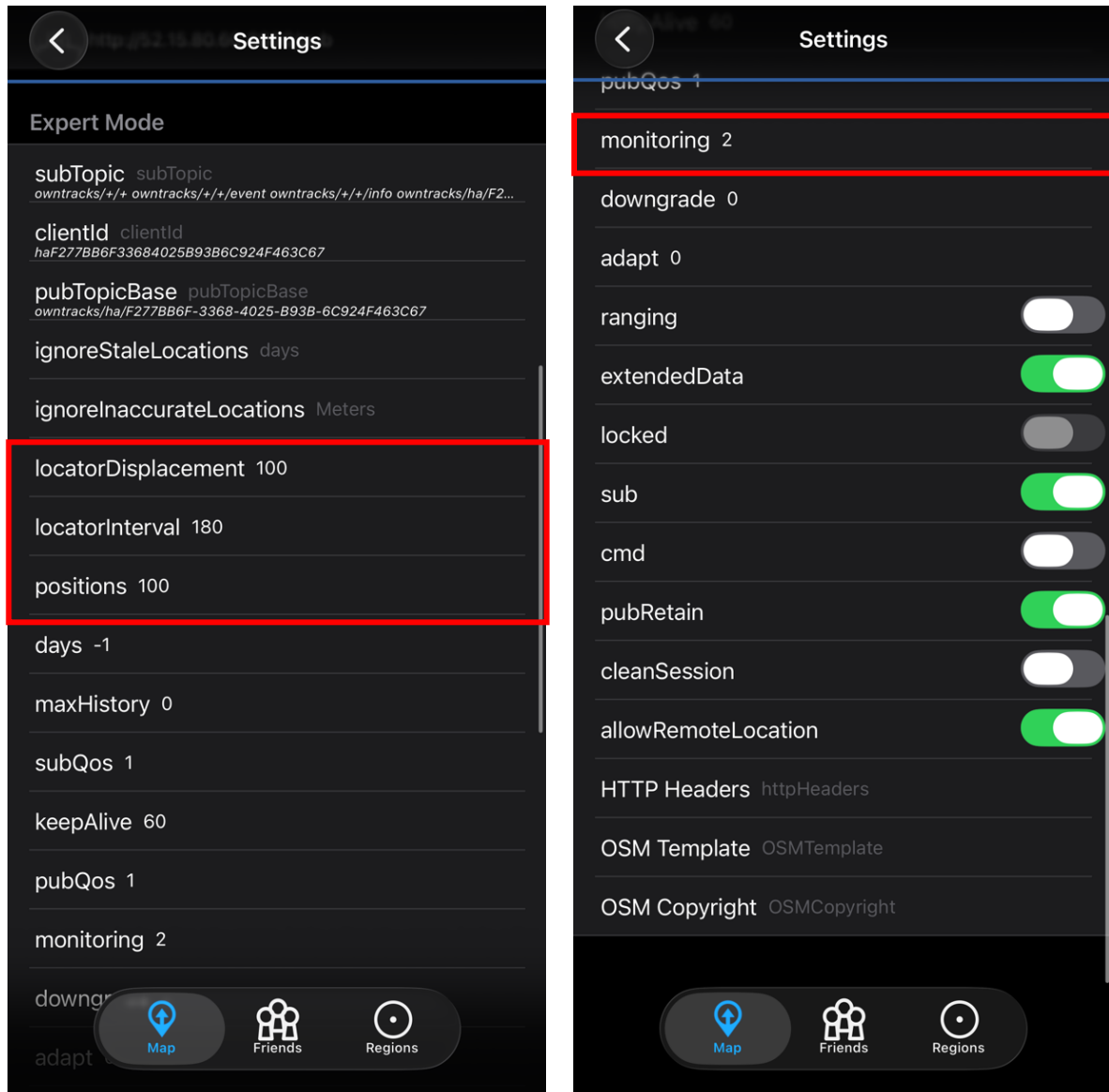
1. Open the app and tap the 'i' (information) button located at the top left corner of the main screen to access the 'Status Info' page.
2. Select the 'Settings' button.



3. Open the Setting
4. Select the 'HTTP' Mode.
5. Enter the URL provided by the research team (<https://mobility-western.es.uwo.ca/pub>).
6. Enter the 'PID' assigned by the research team into the 'UserID' field.

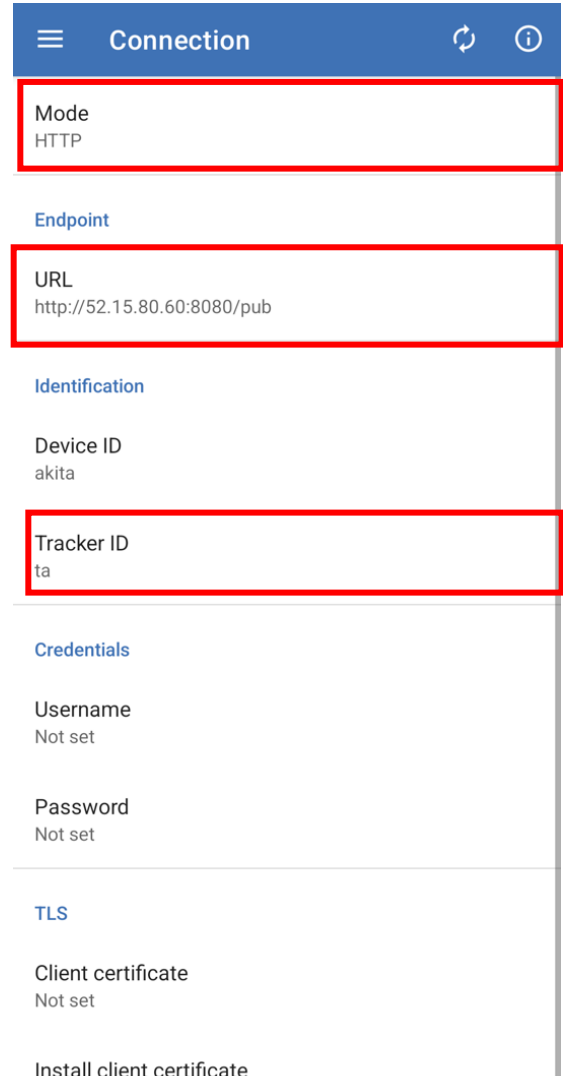
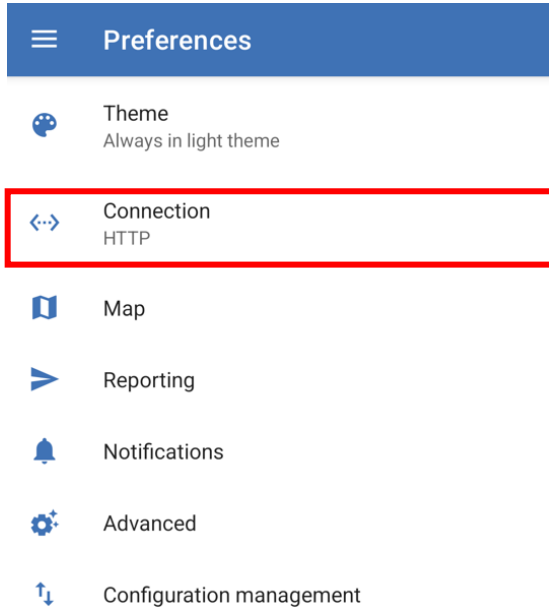


7. Scroll down to the 'Expert Mode'.
8. Set the 'locatorDisplacement' to 100, 'locatorInterval' to 180, 'positions' to 100, and 'monitoring' to 2.
 - a. The app only records movement data after the user move at least 100 m.
 - b. The app attempts to record every three minutes (180 seconds).
 - c. The app records 100 movements during the offline
 - d. The monitoring 2 indicates that the user enables continuous tracking mode.
9. Keep all other settings at their default values.

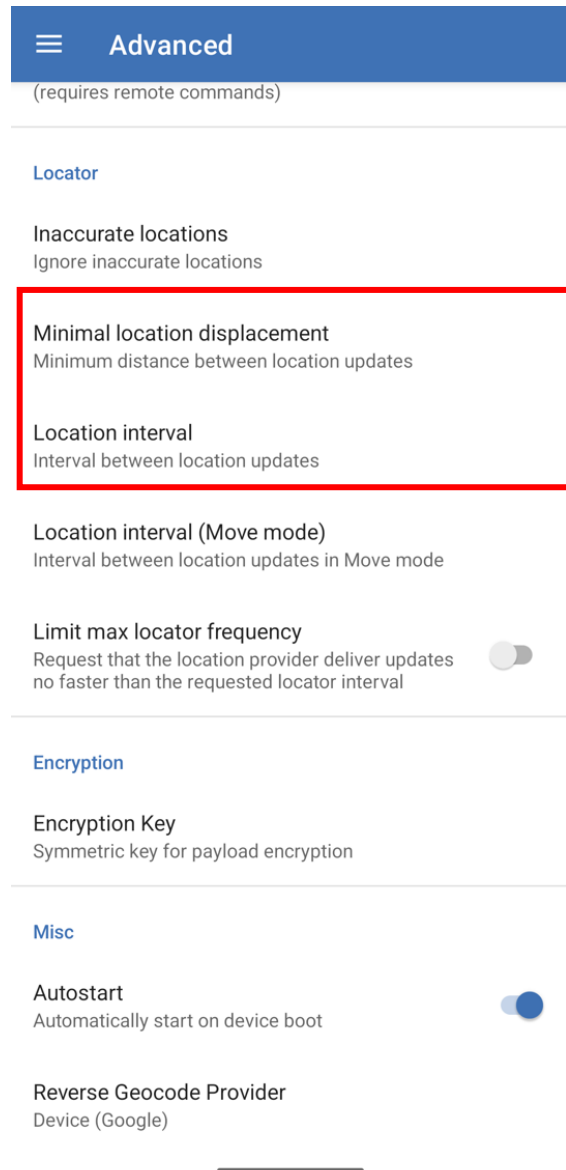
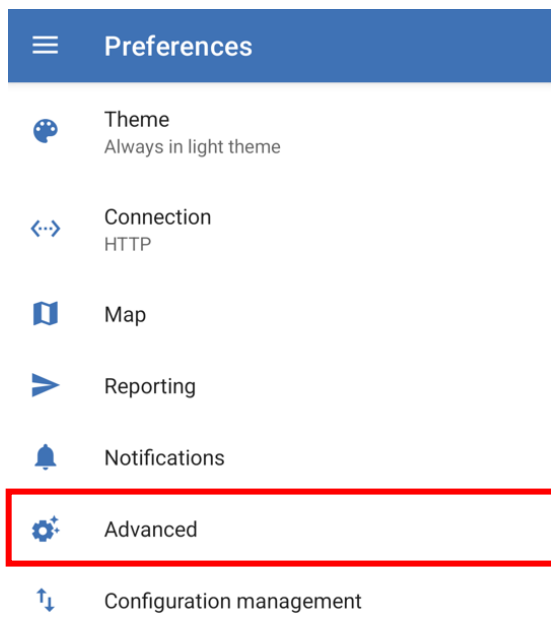


Setting for Android Users

1. Open the app and tap the '≡' hamburger button.
2. Tap the 'Preferences'.
3. Tap the 'Connection'.
4. Select the 'HTTP' Mode.
5. Enter the URL provided by the research team (the secured server at the Western University).
6. Enter the 'PID' assigned by the research team into the 'TrackerID' field.



7. Go back to the 'Preferences', and tap the 'Advanced'.
8. Set the 'Minimal location displacement' to 100, and the 'Location Interval' to 180.



- Return to the main screen and tap the play button on the right side.
- Select the 'Move' mode on the monitoring mode page.
- Keep all other settings at their default values.

