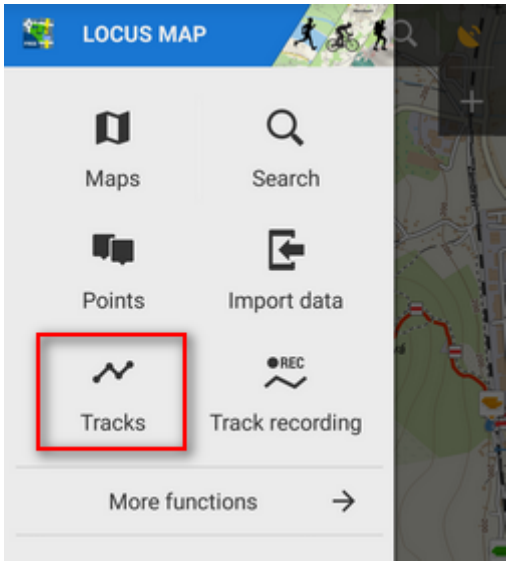
Tracks & Routes Management

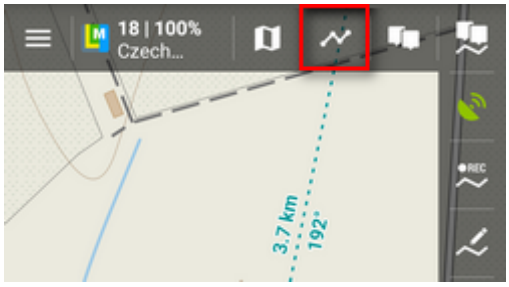
Data Manager

Tracks/Routes in Locus Map are managed in **Tracks tab** of the **Data Manager**. In default settings, the Tracks tab can be accessed from:

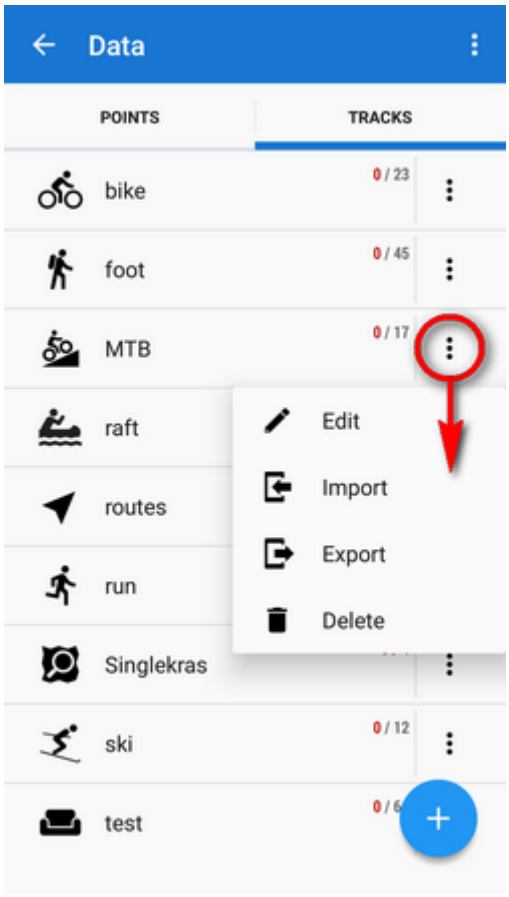
- Main menu > Tracks



For even quicker access you can add “Tracks” button to the Function panel at the top or right edge of the display.



Tracks Tab displays all tracks and routes in a structure of **folders** and **groups of folders**. Each **folder line** consists of an **icon**, a folder **name**, **number of visible/stored tracks** and and **action menu button**.



Tracks & Routes Folder

Folder icon

Tapping it **visualizes all tracks in the folder on the map**. Re-tapping **hides them all**. If you previously displayed only some tracks from the folder, tapping offers to display your **previous selection** or **all tracks**.

Visualizing too excessive number of tracks may slow down response of the application.

Folder name

Tapping it **unfolds a list of tracks/routes in the folder**.

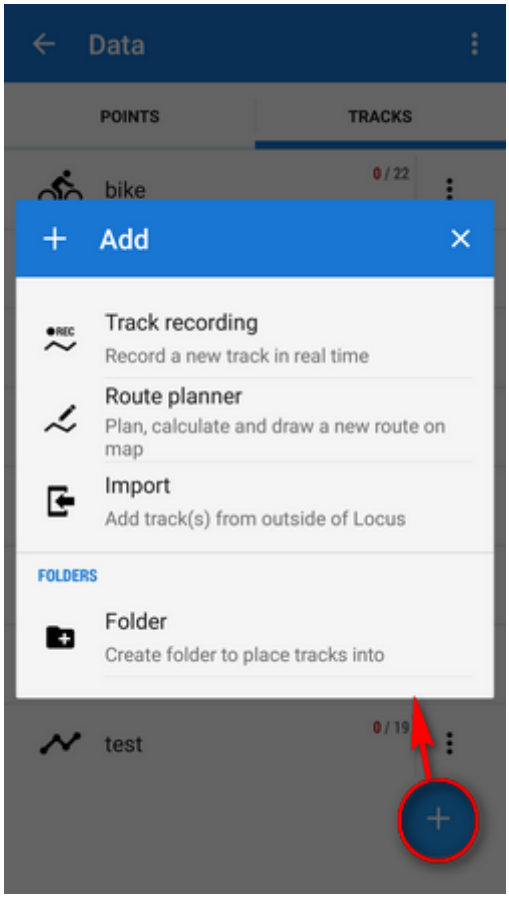
Action menu button

- *Edit* - here you can insert folder into a group if there is any created and edit folder icon, name and style of included tracks on map

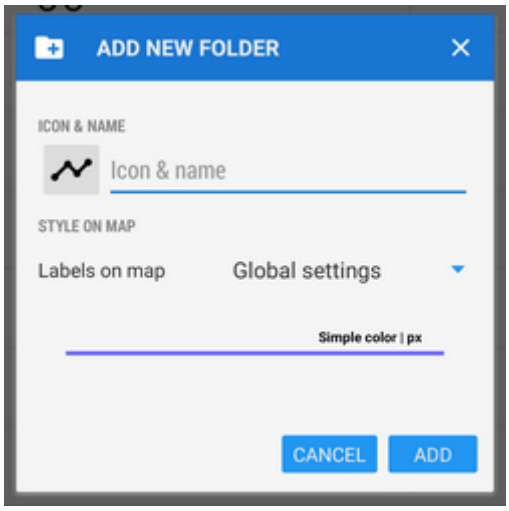
- *Import* - adds new tracks into the folder by importing them
- *Export* - exports all tracks in the folder, see more in Tracks Export
- *Delete* - deletes whole folder

Each **group line** contains the group name and number of folders allocated in it.

Adding new tracks/routes and folders



- ●REC **Track recording** - switches to the maps screen and launches the track recording dashboard. Pressing start begins to record the track from your current GPS position. More about track recording >>
- **Add new route & measure** - switches to the map screen and launches additional control panel for inserting route waypoints, calculating routes, settings etc. More about Route drawing >>
- **Add new folder** - tracks in Locus Map are stored in folders to group more tracks of the same kind in one place. Folders can be handled as one object and some operations can be performed only on tracks in one folder. Sorting them, filtering them, changing their style etc.

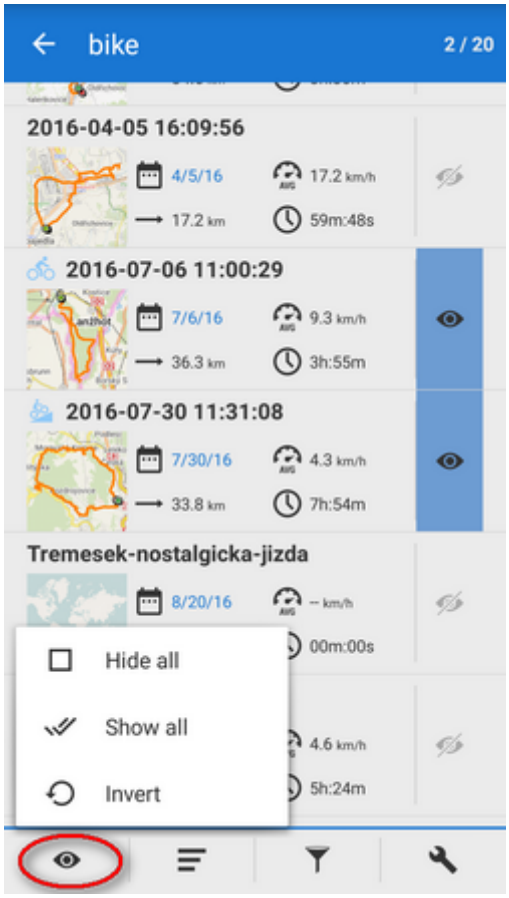


- *Icon & Name* - here the folder icon and name is set. There is a wide selection of Locus and Garmin styled icons available for precise distinguishing of folders.
- *Style on map* - sets the behavior of this folder tracks information labels on the map
  - *Global settings* - the track labels behavior submits global settings made in Map Objects Features
  - *Do not show* - track information label is activated only by tapping the track
  - *Simple* - track starting point displays a simple label with track name
  - *Complex* - track starting point displays a label with the track name, length, positive and negative elevation.
- *Track line color and width* - tapping the line sample opens a new dialog to set these attributes of all tracks in the folder

Top panel menu

- *Groups* - folders can be further structured into **groups**. Tap + to create a new group. After creating it you can rename or delete it in the same window.Groups are available only in Locus Map Pro version
- *Deselect all* - quickly deselects (makes them invisible on the map) all selected tracks across all folders (it deselects points as well as this menu is common for both categories)
- *Import* - launches Locus Map simplified file manager for tracks import, see more in Tracks Import.
- *User guide* - launches a relevant chapter of the User guide.

Tracks & Routes List



After tapping a folder the tracks/routes are displayed in a vertical list. The **topbar** displays visible/total number of tracks. **Each line** consists of:

- *Track name* - user-selected text or automatically inserted time stamp
- *Track map thumbnail* - mini-preview of the map with track - tapping it switches to the main map screen with the track on
- *Date* - date of recording/importing track or drawing a route
- *Average speed* - average speed of the activity made on track
- *Length* - distance traveled from start to finish of the track
- *Time* - time of the activity made on track
- *"Eye" button* - switch of in/visibility on map

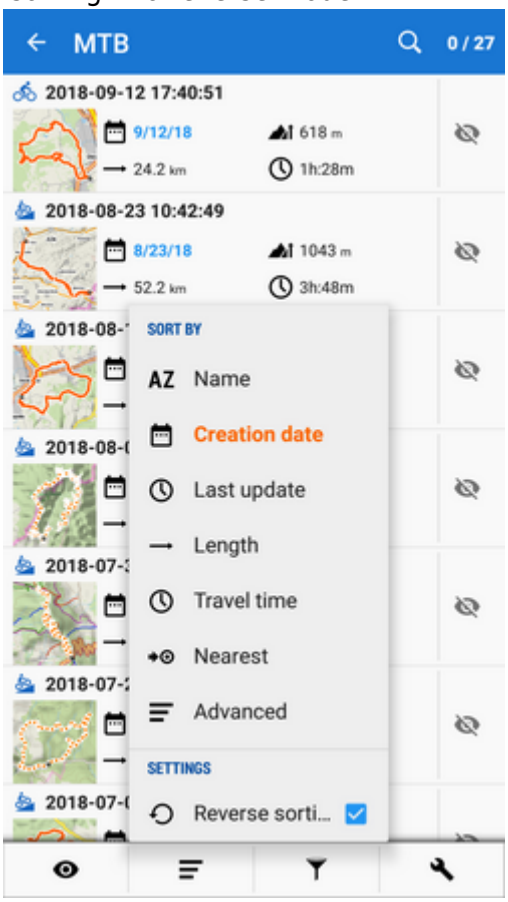
Tapping the track line opens the track detail screen.

Tracks list bottom panel

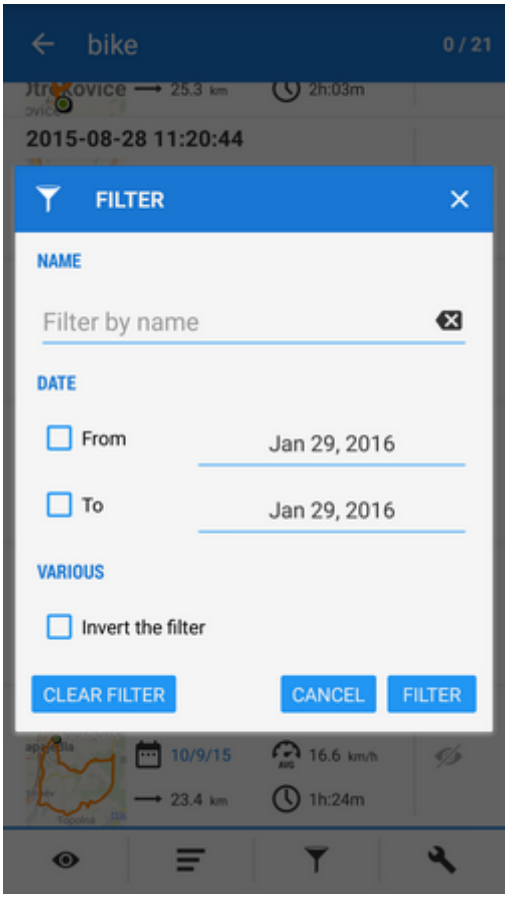
The bottom bar contains following controls:

- **Multi-track display selector** - multi-selection of tracks to display or apply tools at:
  - *Hide all* - makes all tracks in the folder invisible on the map
  - *Show all* - makes all points in the folder visible on the map
  - *Invert* - inverts current selection, useful when you want to select almost all tracks except some. Select those and then invert the selection.
- **Sort by** button:
  - *Sort by name* - sorts tracks alphabetically

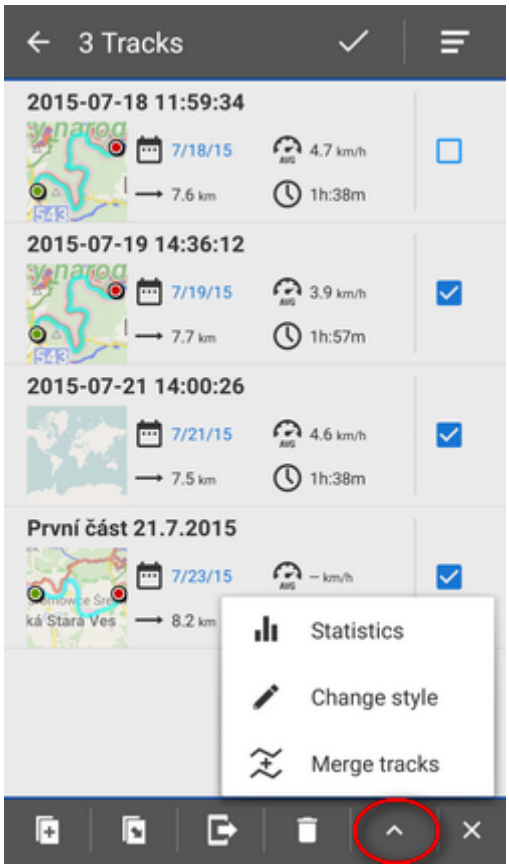
- *Distance to start* - sorts tracks by distance from actual map screen center (actual GPS position in case it is fixed and centered) to the starting point of the track
- *Distance to end* - sorts tracks by distance from actual map screen center (actual GPS position in case it is fixed and centered) to the ending point of the track
- *Sort by creation date* - sorts tracks by the date/time of their recording/import or drawing in case of routes
- *Sort by length* - sorts tracks by the distance from their starting to ending points
- *Sort by travel time* - sorts by the time of activity made on track
- *Reverse sorting* - switches sorting into reverse mode



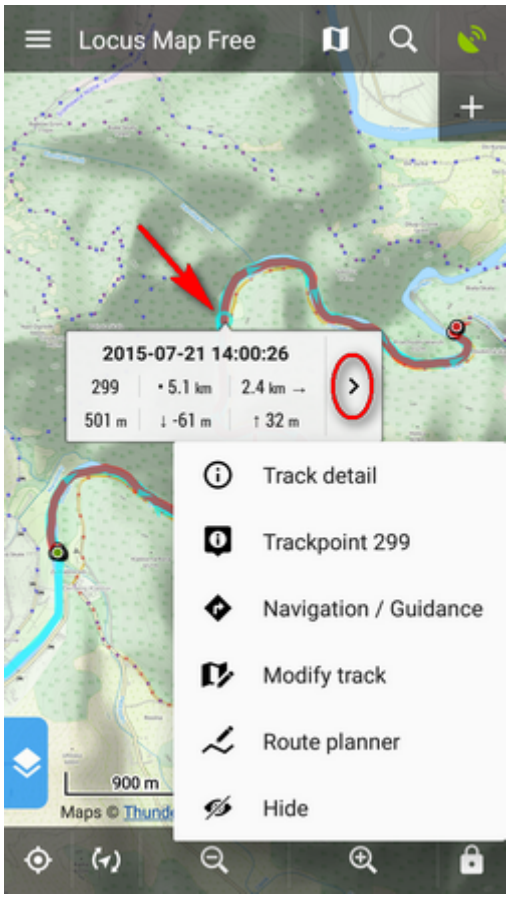
- **Filter** button:
  - tracks can be filtered by their name and date and the filter can be inverted. Can be applied by folders only.



- **Tools** button - changes the top and bottom bars and displays other controls:
  - *top panel* - displays number of selected tracks to apply tools to, sort-by button and confirmation button
  - *bottom panel*:
    - *copy to* - copies selected tracks to different folders
    - *move to* - moves selected tracks to different folders
    - *export* - exports selected tracks (see more in Tracks Export)
    - *delete* - deletes selected tracks
    - *other controls*:
      - *Statistics* - opens a fullscreen window with common statistic of all selected tracks, concerning distance, track time, elevation gain and so on.
      - *Change style* - changes color, width and other graphic parameters of selected tracks/routes
      - *Merge tracks* - connects selected tracks into one. It is possible to choose order of connected tracks, merging with gaps and deleting original tracks
    - aborts tools panel



Track & Route Map Label

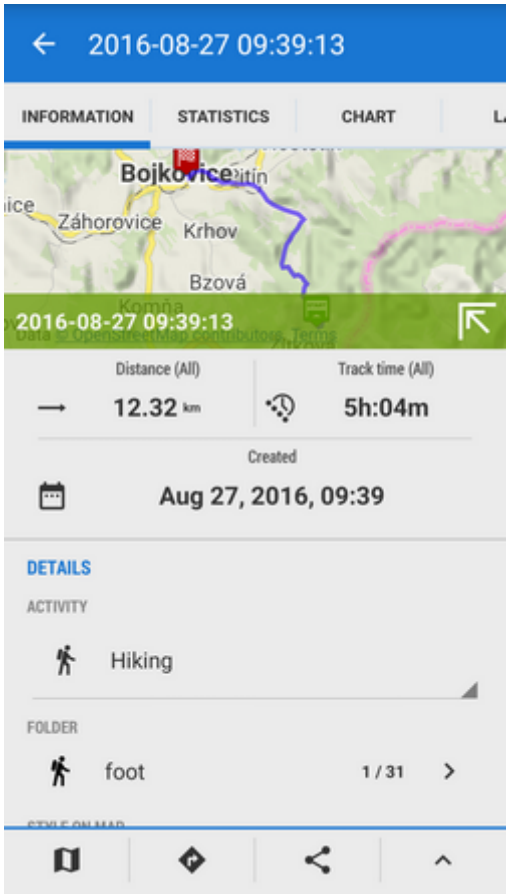


After tapping any part of a track on the map a label appears. It contains the track name, number of tapped trackpoint, distance traveled and distance to finish and > “more options” button:

- *Track detail* - opens window with track details
- *Trackpoint No.* - opens a detail screen of the trackpoint - position on the map, coordinates, distance to start and to the end of track
- *Edit on map* - adds another bottom panel with editing controls. More about track editing and route drawing here >>
- *Navigation/guidance* - opens another dialog offering two ways of guiding along the track:
  - *Navigation* - turns the track into a route, generates voice commands and starts turn-by-turn navigation. Navigation may require internet connection depending on selected router.. More about navigation >>
  - *Guidance* - turns the track into a route and starts simple guiding along it (no voice navigation). More about route guidance >>
- *Hide* - makes the track invisible on map

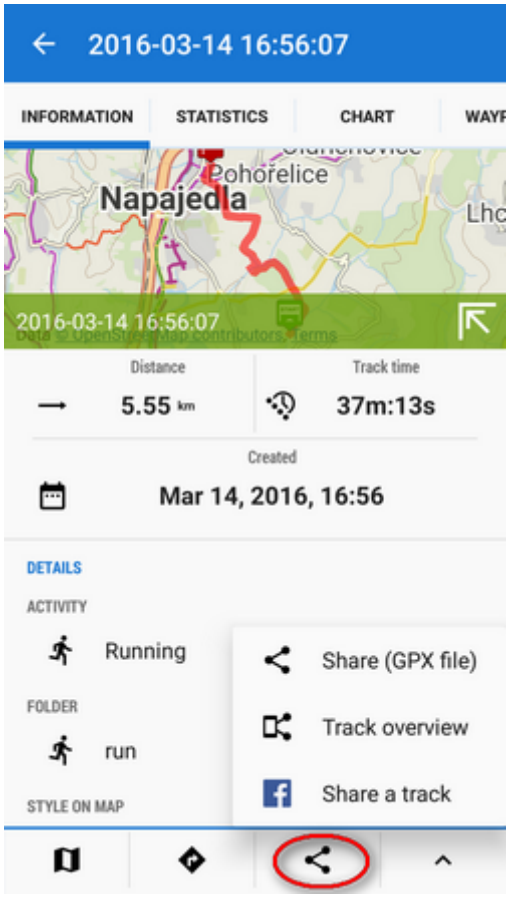
Tapping the track label or track line in the Manager launches the Track Detail Screen:

Track & Route Detail Screen

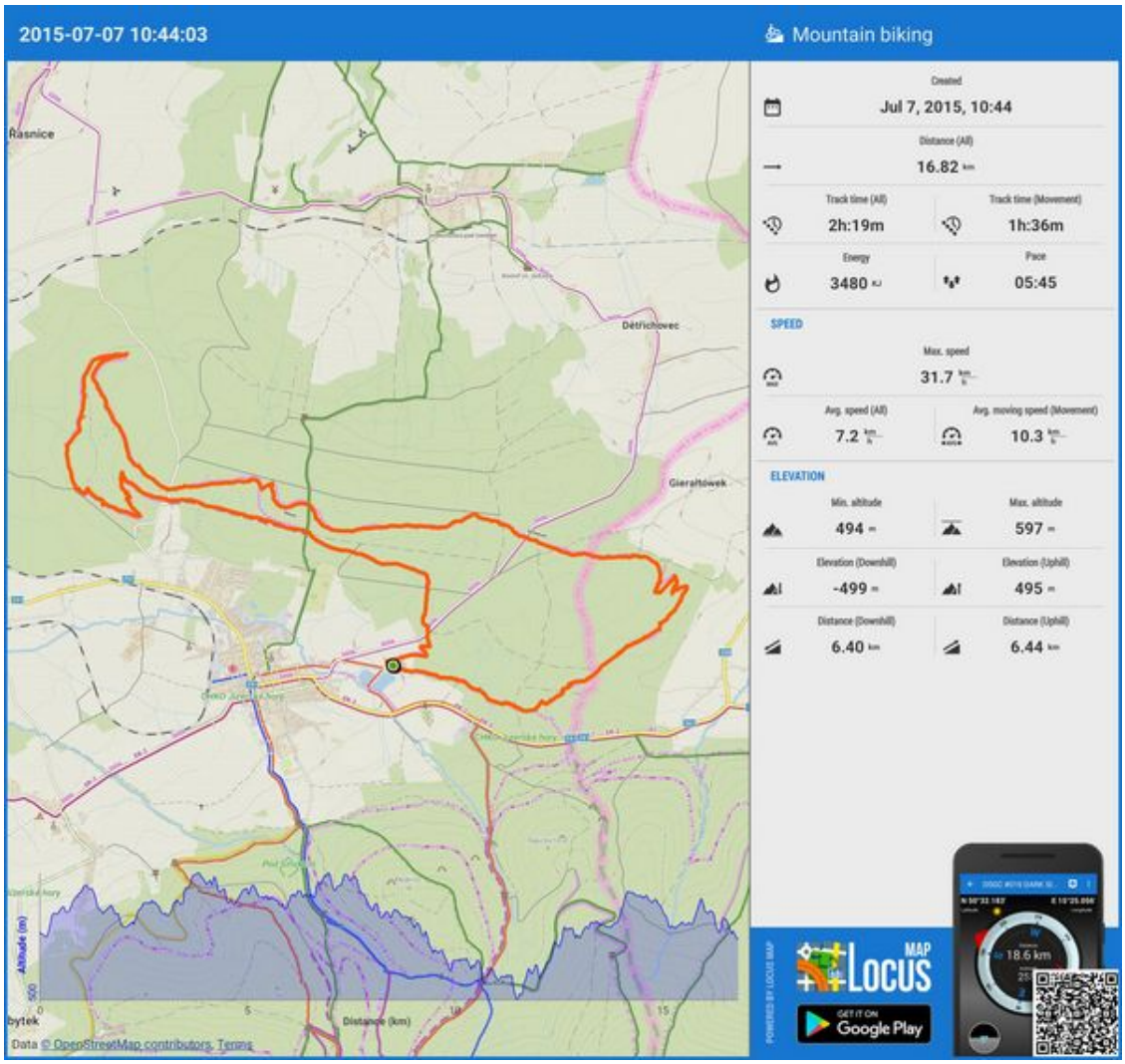


The track/route detail screen is divided into a few sections:

- **top panel** with the track name
- **information tab** that contains:
  - *map preview* of the track. Tapping it switches into the map screen covering area of the track. The map preview can be switched off by tapping an arrow in the bottom right corner.
  - date of creation, distance, time of activity
  - *track activity* - selected manually before track recording or not specified (biking, hiking, running etc.). Important for overall statistics.
  - *track folder icon and name* - tapping the arrow opens the folder
  - *style on map* - color, width and style of the track line on map. **Tapping it opens dialog setting the track style - line color, width etc.**
- **bottom panel**:
  - *map switch* - displays the map screen covering with the track area
  - *Navigation/Guidance* button:
    - *Navigation* - turns the track into a route and starts turn-by-turn navigation with voice commands that are rendered according to the shape of the route. Navigation calculation may require internet connection depending on selected router.. More about navigation >>
    - *Guidance* - starts simple guiding along the track with optional sound and screen alerts of direction changes
      - *Guide reversely* - starts guiding in reverse direction
  - *Share* - opens a menu of track sharing options:



- *3rd party apps* - if you have e.g. Google Earth installed, its button appears here for quick processing
- *Export* - exports track in various file formats or to a selection of web services (Strava, Runkeeper, GPSies etc.). More about track export >>
- *Share (GPX file)* - quick export of the track/route into generally most common GPX format and sharing via all available services
- *Track overview* - renders a hi-res image of the track map and its statistics and offers its share across multiple services and social networks

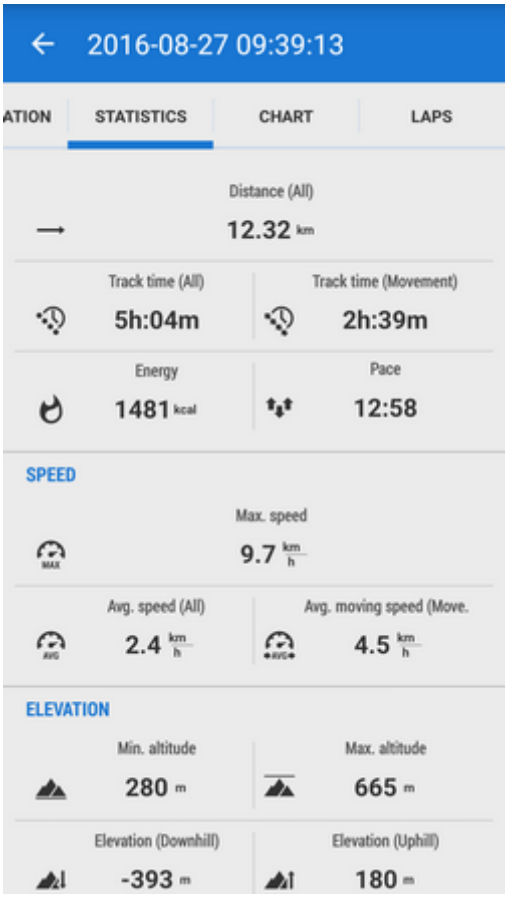


- *Share a track* - quick sharing the track on Facebook

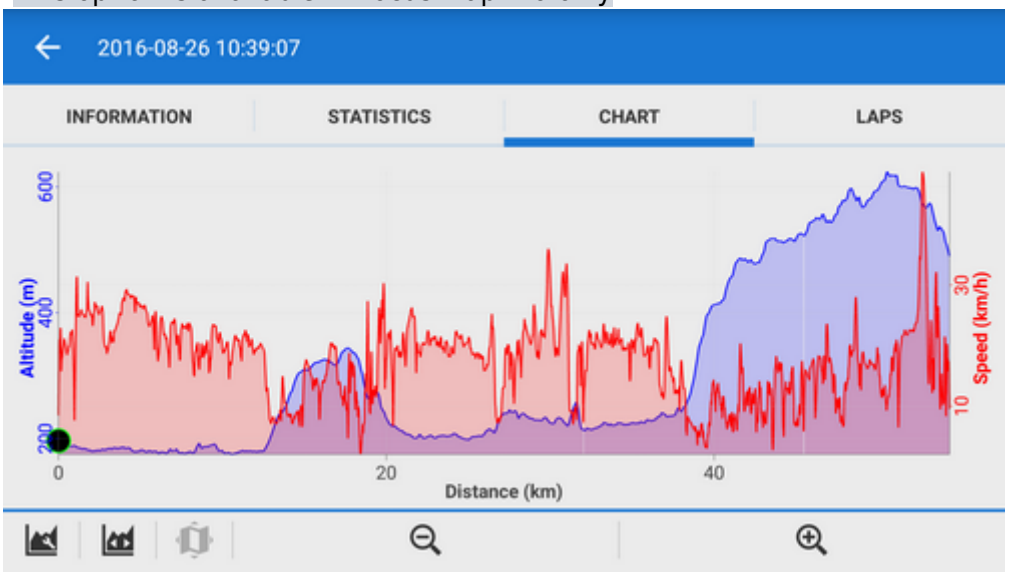
- ^ *track management button* - offers editing, editing on map, hiding, copying, filling elevation Locus PRO - routes added by Add new route function have pre-filled altitude, area computation, deleting the track (irreversibly) and calculating of estimated Travel time.

Copy of the track can be saved with reverse orientation and converted into a route with generated navigation commands

- **statistics tab** - displays detailed information on distance, elevation (routes), speed, pace, energy consumption etc. (tracks)



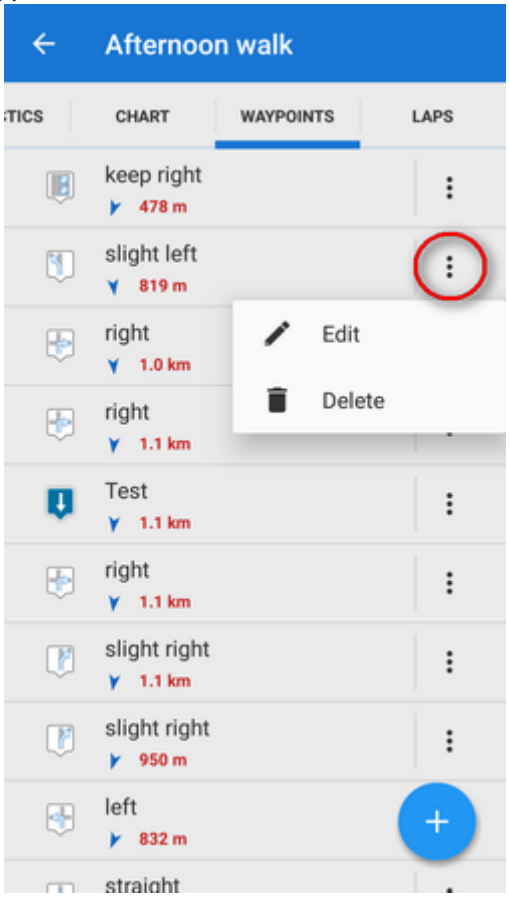
- **chart tab** - displays track chart. According to chart setting it can be elevation profile, speed profile etc. This option is available in Locus Map Pro only



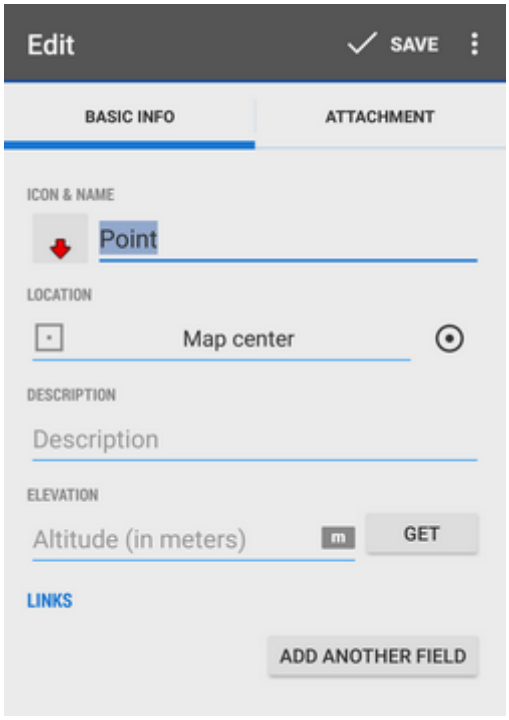
  - *chart settings* - settings of the chart axes - the X axis can display distance or time, two axes Y can display altitude, gradient, speed, heart rate, cadence (in case appropriate sensors are connected and active). Navigation waypoints (if there are any) can be **hidden**.

Default values are X - distance, Y1 - altitude, Y2 - empty. When the track is imported or drawn on a map without elevation data, the chart is empty.

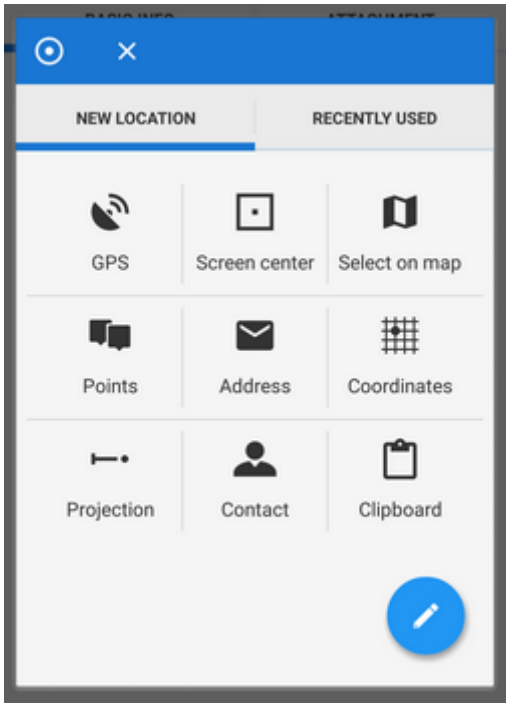
  - *fit chart* - fits chart into screen
  - *map* - tap on chart to a specific place of track and tap map button to display the place on map
  - , - *zoom in/out* - zooms the chart in/out
- **waypoints tab** - a list of waypoints on the track/route.



Each waypoint can be edited or deleted, new waypoints can be added by

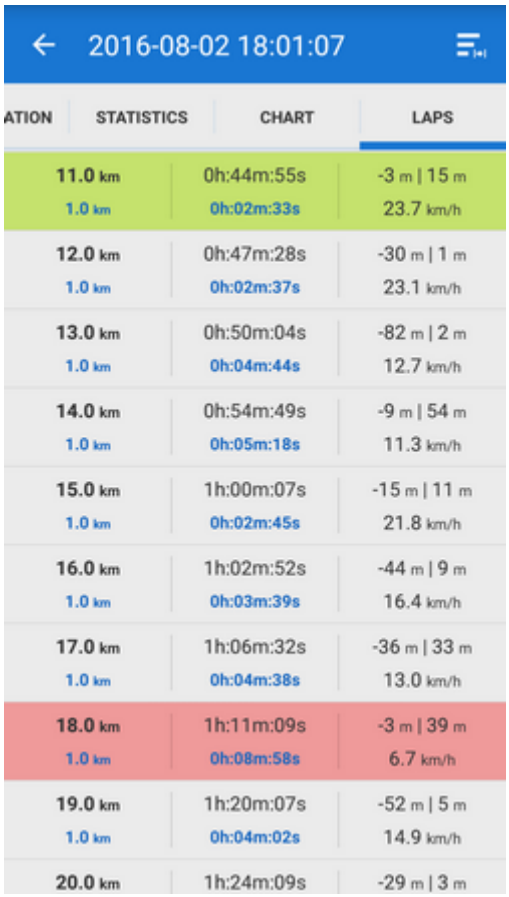


If you want to add an existing point from your database, tap and then select Points from the location selector:



Then pick the point from your point manager folder.

- **laps tab** - displays a table of pre-defined laps of the track - each lap distance, time, speed and gain. Tapping a lap shows it on map, red-highlighted lap is slowest, green is fastest.



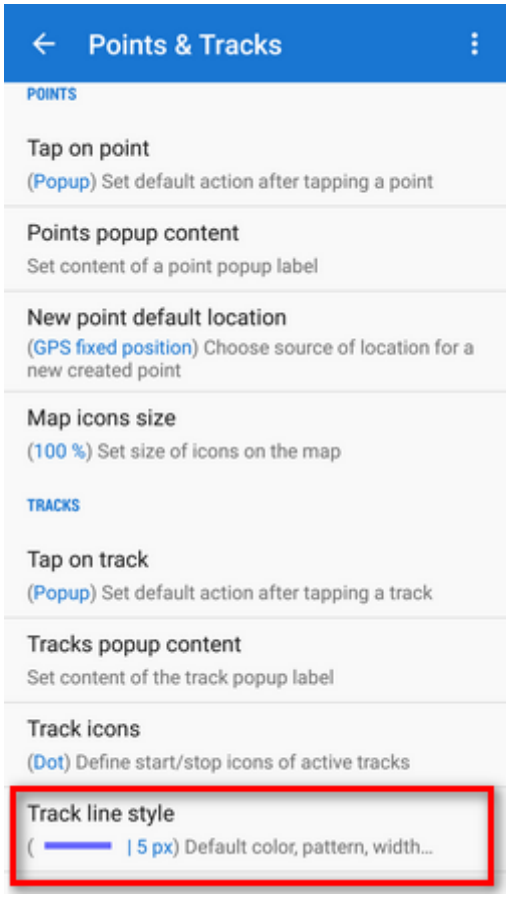
- *lap definition* - offers 1, 2, 5, 10 km and manual definition

Track & Route Style

Each track/route in Locus has its color, pattern, width and other parameters. These parameters can be set in several levels:

Global settings

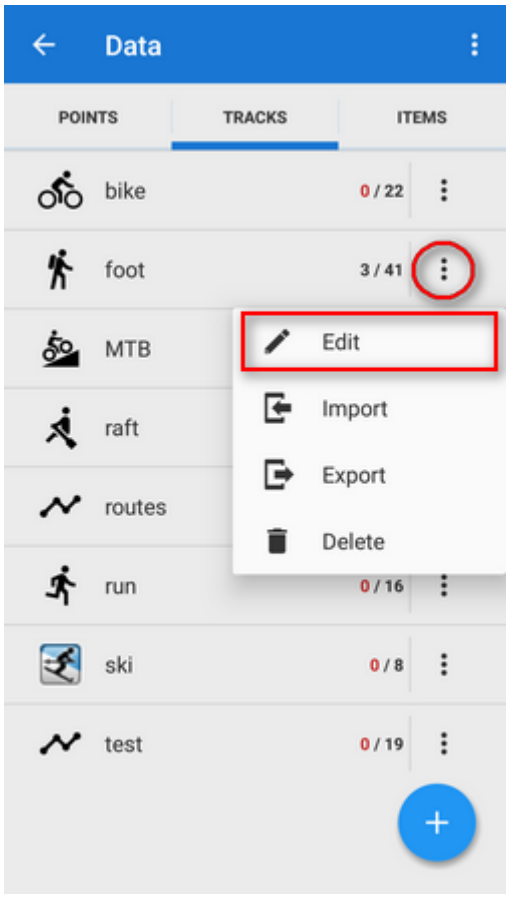
Color, transparency and width of all tracks and routes in the app is by default set globally - you can change these settings in *Settings > Maps > Points & Tracks > Track color and transparency, Tracks width*

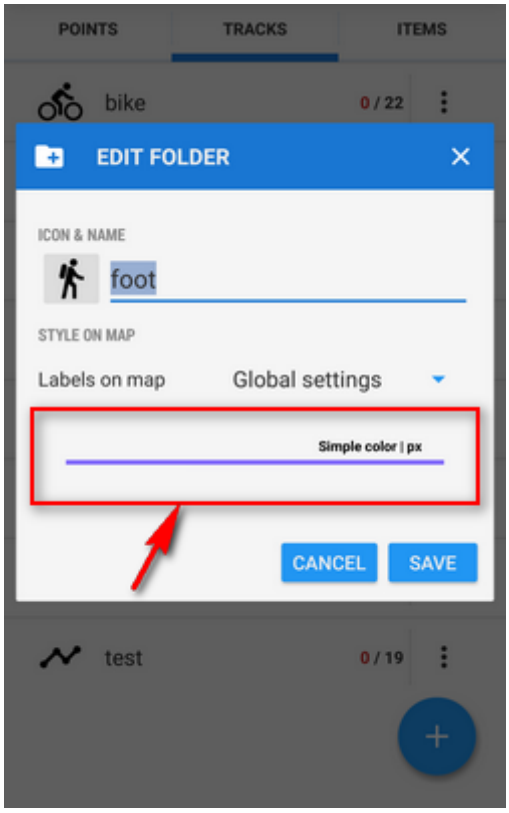


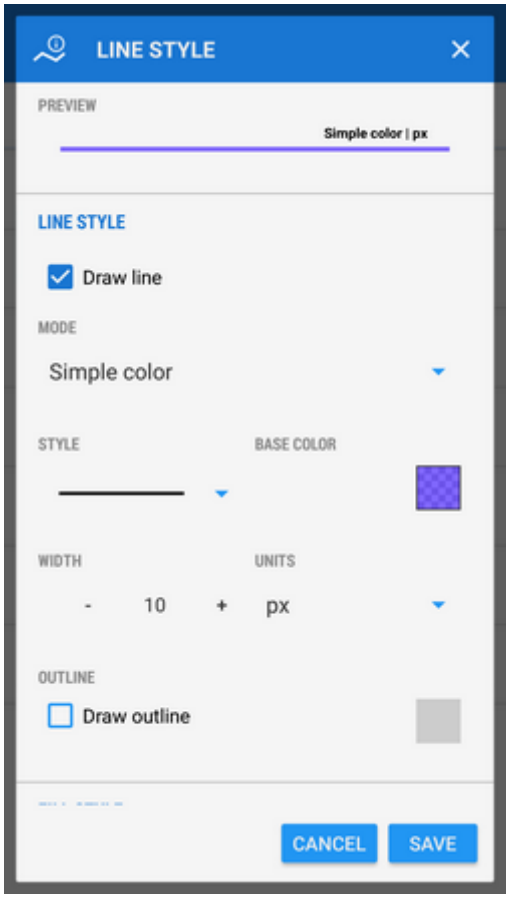
These settings can be overridden by following:

Track/route folder style

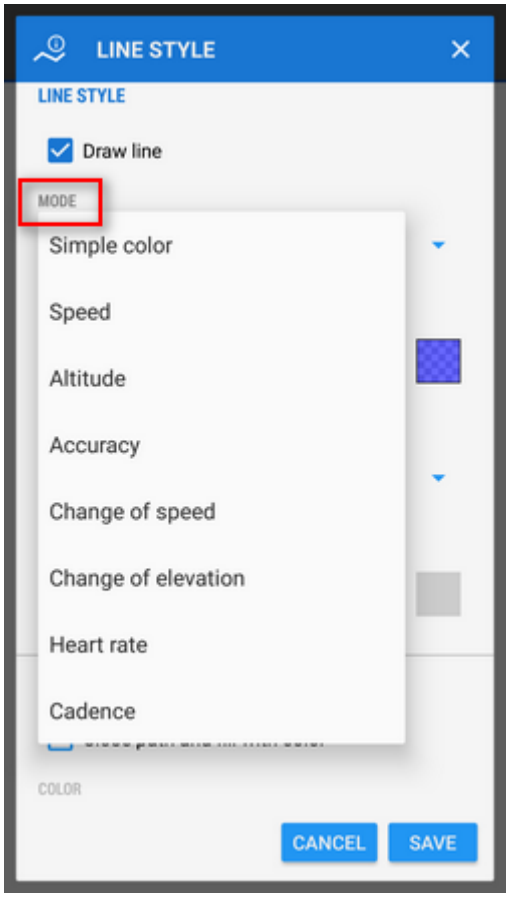
Tracks and routes stored in one folder in the Track/route manager can have unified style settings. These settings can be edited in the folder action menu:


Data
POINTS
TRACKS
ITEMS
bike
0 / 22
foot
3 / 41
MTB
raft
routes
run
0 / 16
ski
0 / 8
test
0 / 19
Edit
Import
Export
Delete


POINTS
TRACKS
ITEMS
bike
0 / 22
EDIT FOLDER
ICON & NAME
foot
STYLE ON MAP
Labels on map
Global settings
Simple color | px
CANCEL
SAVE
test
0 / 19

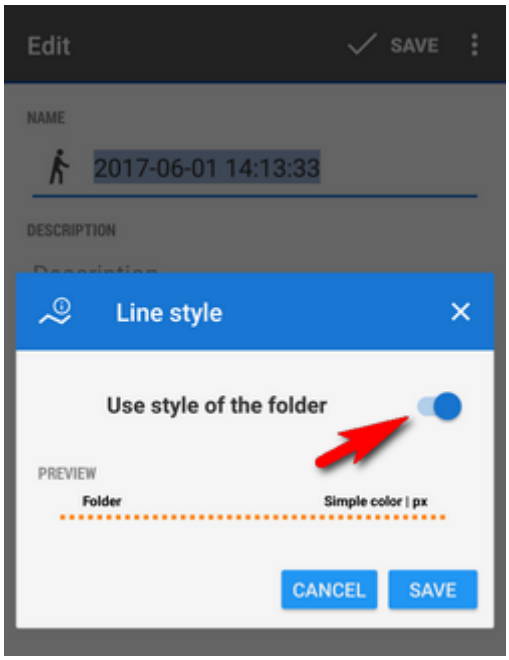


Track folder style settings offer all options of styling line available in Locus. Besides the color, transparency or width there is the **mode** of the line that can be just simple or can visualize various dynamic values, like altitude, speed, cadence or heart rate in variable colors of the light spectrum:



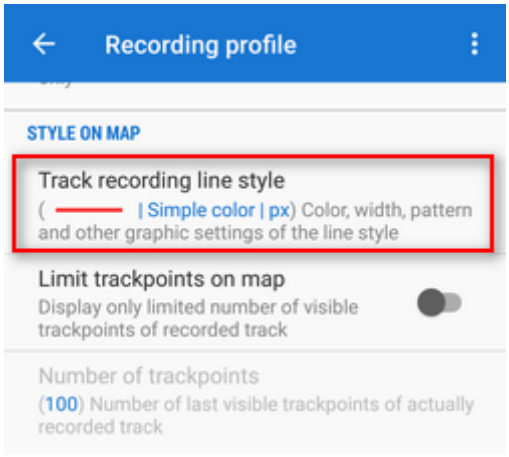
All colors are defined relatively to min/max values. E.g. minimal speed is blue, maximal speed is red,other values are interpolated. The line style offers a vast range of patterns:

If you do not want to change the track/route style by folder settings, you can leave the global settings:

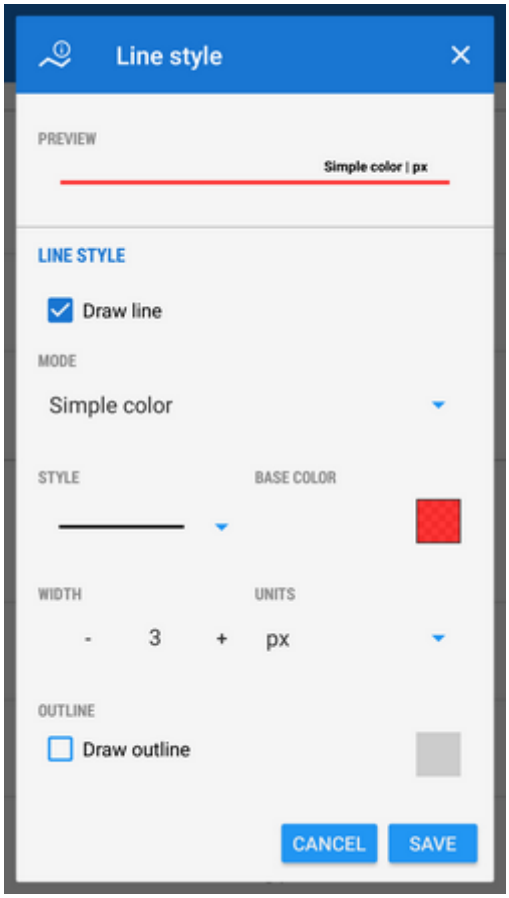


Track recording profile style

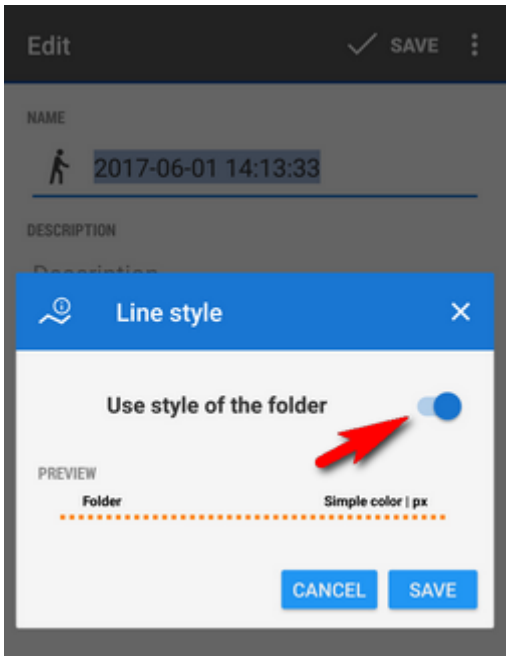
Style of recorded tracks can be set according to used **recording profile**.



This style offers also changing the line mode:

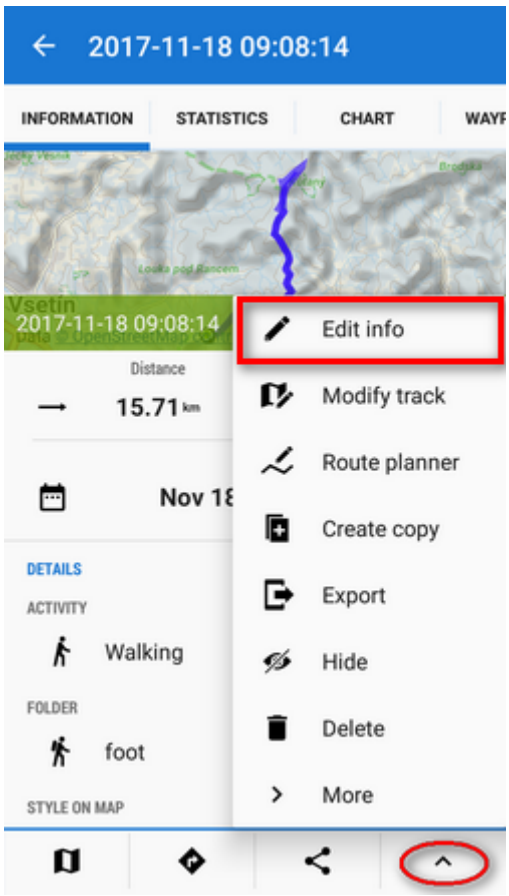


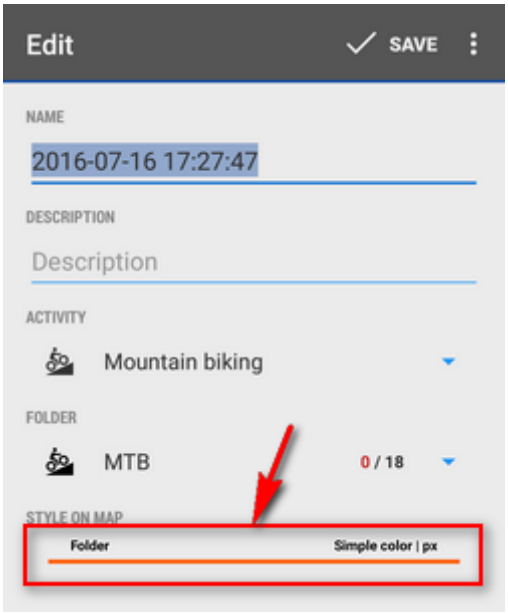
Recording profile style can be overwritten by style of the folder where you store your recorded tracks unless it is switched off in the folder style edit dialog:



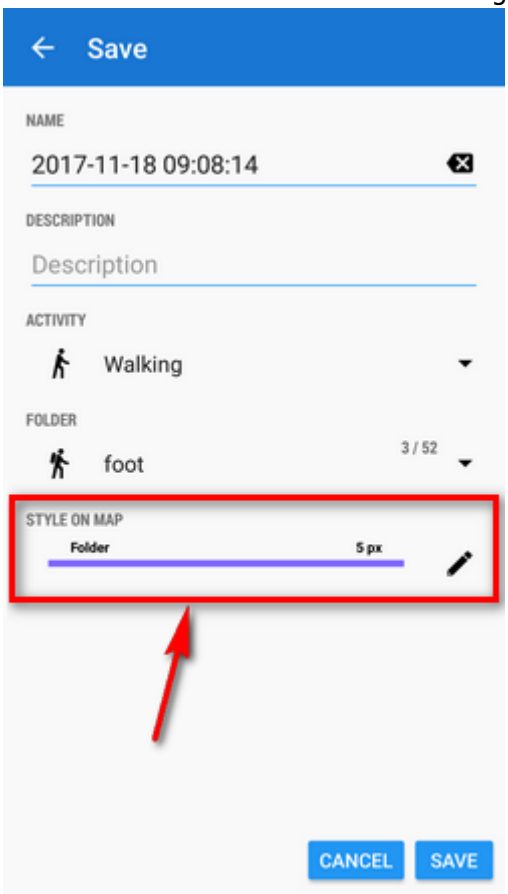
Individual track/route style setting

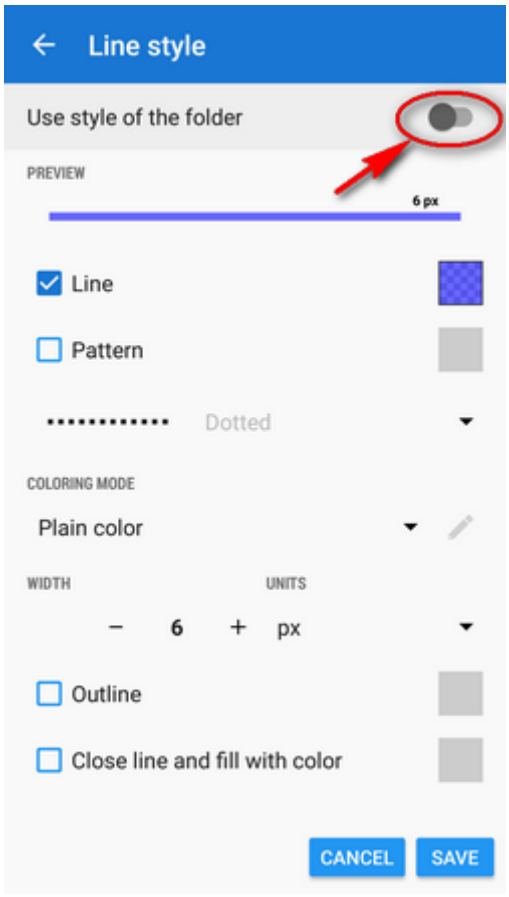
Style of individual tracks or routes can be edited in the track/route detail screen edit dialog:





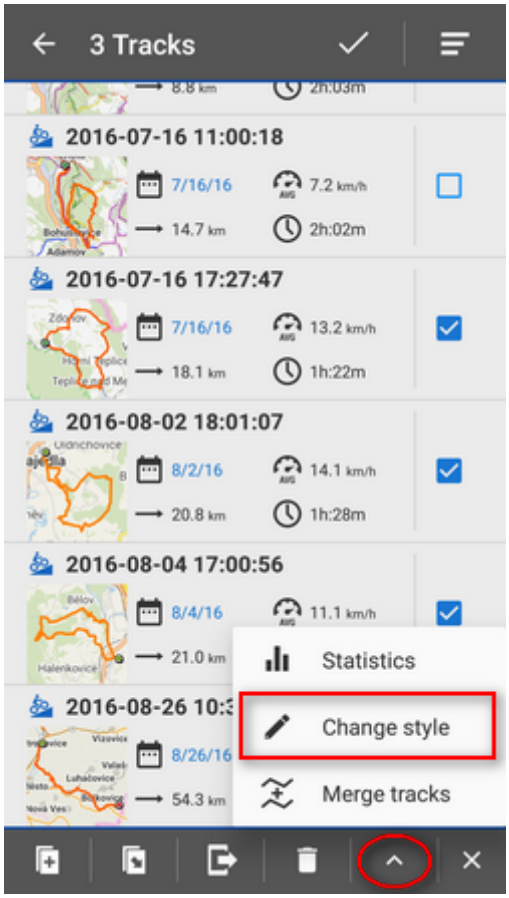
To activate individual settings you have to switch off the folder settings:





It is possible to **change individual style of multiple tracks/routes**:

- open a folder with tracks/routes you want to edit
- multi-select tracks for editing
- tap the tool menu from the bottom bar and select **Change style**



Track/route style summary:
Global style settings have the lowest priority in styling of tracks/routes. Folder style settings override them as well as recording profile settings. Folder style settings can override also recording profile settings. Each track or route style can be finally edited individually.

From:
https://docs.locusmap.eu/ - **Locus Map Classic - knowledge base**

Permanent link:
https://docs.locusmap.eu/doku.php?id=manual:user_guide:tracks:management&rev=1495093405

Last update: **2017/05/18 09:43**