Track Analysis

Analysis about tracks/routes can be displayed by opening **Left main menu → Track/route info**. Here users can find tracks or routes categorised by their source:

- **Opened** - from open gpx files stored in your device.
- **Trackbook** - created in trackbook.
- **Recorded** - recorded tracks on the device.

After tapping on any of them users can see the statistics and graphs analysing the track. Information displayed in statistics:

- **Flat/Climb/Descent length** - divides the total length of the track between the distance travelled on flat, inclining and declining surface. Displayed only if elevation data are accessible.
- **Length** of the track/route. Available for every track.
- **Elevation difference** - the difference in elevation between start and end point. Available if elevation data are recorded or downloaded.
- **Total climb** - available if elevation data are recorded or downloaded.
- **Total descent** - available if elevation data are recorded or downloaded.
- **Start** time and date of the track (only in case of recorded tracks).
- **End** time and date of the track (only in case of recorded tracks).
- **Duration** - the overall duration of the track recording.
- **Duration(movement)** - duration of movement during track recording (helps to distinguish times when
- **Pace** of the whole track vs recorded time.
- **Pace(movement)** through out the time while device was moving.
- **Average speed** of the track.
- **Average speed (movement)** of the track while moving.
- **Maximum speed** through out the whole track recording.
- **Maximum speed change**

Graphs

Underneath the statistics section graphs are being displayed in case the track is containing elevation data. More information regarding graphs and their settings can be found here.

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https://docs.vecturagames.com/gpxviewer/ - **GPX Viewer User Guide**

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https://docs.vecturagames.com/gpxviewer/doku.php?id=docs:track_analysis&rev=1663330827

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