

Gpx route: rte_navrtept.

| | | | | local language | local language | [EN] | [EN] |
|----|-------|------------|-----------|----------------|--------------------------------------|--------------|-------|
| | point | latitude | longitude | name | cmt | sym | type |
| 0 | rtept | 51.0551323 | 4.0006357 | Start | Start op de Gentsesteenweg N445 | Flag | Via |
| 1 | rtept | 51.0550976 | 4.0029073 | | | | |
| 2 | rtept | 51.055119 | 4.0037227 | | | | |
| 3 | rtept | 51.055162 | 4.0042162 | Scherprechts | Scherp rechts naar de onverharde weg | Right_sharp | Nav |
| 4 | rtept | 51.0549474 | 4.003787 | | | | |
| 5 | rtept | 51.0540833 | 4.0004593 | Restaurant | Restaurant NODNOL | Restaurant | Via |
| 6 | rtept | 51.0539389 | 3.9999032 | | | | |
| 7 | rtept | 51.053853 | 3.9993453 | | | | |
| 8 | rtept | 51.0537887 | 3.9986587 | | | | |
| 9 | rtept | 51.0535097 | 3.9966416 | | | | |
| 10 | rtept | 51.0534668 | 3.9961052 | Links | Links naar de Jan Praetstraat | Left | Nav |
| 11 | rtept | 51.0532308 | 3.9961267 | | | | |
| 12 | rtept | 51.0530591 | 3.996191 | | | | |
| 13 | rtept | 51.0529733 | 3.9962769 | | | | |
| 14 | rtept | 51.0528874 | 3.9964056 | | | | |
| 15 | rtept | 51.0525012 | 3.9971137 | | | | |
| 16 | rtept | 51.0522437 | 3.9975858 | | | | |
| 17 | rtept | 51.0519862 | 3.9979935 | | | | |
| 18 | rtept | 51.051321 | 3.9988303 | | | | |
| 19 | rtept | 51.0511279 | 3.9990234 | Rechts | Rechts naar het Bareldonkstraatje | Right | Nav |
| 20 | rtept | 51.0498515 | 3.997762 | Keer om | Keer om na het controlepunt | Flag | Via |
| 21 | rtept | 51.0511279 | 3.9990234 | Rechts | Rechts naar de Damweg | Right | Nav |
| 22 | rtept | 51.0510421 | 3.9991951 | | | | |
| 23 | rtept | 51.0504842 | 4.0006757 | | | | |
| 24 | rtept | 51.050334 | 4.0011477 | | | | |
| 25 | rtept | 51.0502911 | 4.0013838 | | | | |
| 26 | rtept | 51.0502911 | 4.0016198 | | | | |
| 27 | rtept | 51.0503125 | 4.0019202 | | | | |
| 28 | rtept | 51.0503125 | 4.0021777 | | | | |
| 29 | rtept | 51.0502267 | 4.0024567 | | | | |
| 30 | rtept | 51.0500336 | 4.0026927 | Links | Links naar de onverharde weg | Left | Nav |
| 31 | rtept | 51.0500336 | 4.0028429 | | | | |
| 32 | rtept | 51.0501623 | 4.0033364 | | | | |
| 33 | rtept | 51.0502267 | 4.0036798 | | | | |
| 34 | rtept | 51.0502696 | 4.0040874 | Links | Links naar de onverharde weg | Left | Nav |
| 35 | rtept | 51.050334 | 4.0040445 | | | | |
| 36 | rtept | 51.0504198 | 4.0038943 | | | | |
| 37 | rtept | 51.0504842 | 4.0037656 | | | | |
| 38 | rtept | 51.0506558 | 4.0031862 | | | | Shape |
| 39 | rtept | 51.0507417 | 4.0029287 | | | | |
| 40 | rtept | 51.0508704 | 4.0027142 | | | | |
| 41 | rtept | 51.0510981 | 4.0024658 | | | | |
| 42 | rtept | 51.0511923 | 4.002285 | | | | |
| 43 | rtept | 51.0514283 | 4.0015769 | | | | |
| 44 | rtept | 51.0514927 | 4.0014267 | | | | |
| 45 | rtept | 51.0529733 | 3.999753 | | | | |
| 46 | rtept | 51.053853 | 3.9993453 | Rechts | Rechts naar de onverharde weg | Right | Nav |
| 47 | rtept | 51.0539389 | 3.9999032 | | | | |
| 48 | rtept | 51.0549474 | 4.003787 | | | | |
| 49 | rtept | 51.055162 | 4.0042162 | Rechtsaf | Rechtsaf naar de Gentsesteenweg N445 | Right_slight | Nav |
| 50 | rtept | 51.0552263 | 4.0046883 | | | | |
| 51 | rtept | 51.0556494 | 4.0065529 | Aankomst | Aankomst op de Gentsesteenweg N445 | Flag | Via |

Gpx Route: rte.

local language

local language

[EN]

[EN]

| | point | latitude | longitude | name | cmt | sym | type |
|---|-------|------------|-----------|------------|-------------------------------------|------------|-------|
| 0 | rtept | 51.0551323 | 4.0006357 | Start | Start op de Gentssesteenweg N445 | Flag | Via |
| 1 | rtept | 51.0540833 | 4.0004593 | Restaurant | Restaurant NODNOL | Restaurant | Via |
| 2 | rtept | 51.0498515 | 3.997762 | Keer om | Keer om na het controlepunt | Flag | Via |
| 3 | rtept | 51.0506558 | 4.0031862 | | | | Shape |
| 4 | rtept | 51.0556494 | 4.0065529 | Aankomst | Aankomst op de Gentssesteenweg N445 | Flag | Via |

Route(rte) with routepoints(rtept).

An ordered list of POINTS representing a series of turn points LEADING to a destination.

Standard (compact) route(rte).

Only contains the Via routepoints and Shape routepoints.

Marked in the examples by element <type>Via_Shape.

- When the precise path being taken to the destination(s) Via Points is **not important**.

The "mobile" route planner creates an onroad path to pass Via_Shape points in correct order.

At navigation autorecalculate creates an onroad path to pass the Via points in correct order.

Elements gpx as used in the Locus experimental navigation example files.

<http://forum.locusmap.eu/index.php?topic=5953.0>

http://www.topografix.com/gpx_manual.asp

<RTEPT> ROUTEPOINT

Required Information:

<lat> Latitude of the routepoint.

<lon> Longitude of the routepoint.

Optional Position Information:

<ele> Elevation of the routepoint.

<time> Date_time of the routepoint.

Optional Description Information:

<name> GPS waypoint name of the routepoint. (Local language)

<cmt> GPS comment of the routepoint. (Local language ex: street name)

<desc> Descriptive description of the routepoint. (Local language ex: track grade, path, surface)

<sym> Routepoint symbol. (Always English text "required element in Locus". Contains Via or Navigation information)

<type> Type (category) of routepoint. (Via_Shape_Nav)

Gpx track: trk_navwpt.

local language

local language

[EN]

[EN]

| point | latitude | longitude | time | name | cmt | sym | type |
|-------|------------|------------|----------------------|----------------------|--------------------------------------|--------------|-------|
| wpt | 51.0551323 | 4.0006357 | 2018-01-16T22:13:50Z | Start | Start op de Gentsesteenweg N445 | Flag | Via |
| wpt | 51.055162 | 4.0042162 | 2018-01-16T22:14:40Z | ScherpRechts | Scherprechts op de onverharde weg | Right_sharp | Nav |
| wpt | 51.0540833 | 4.0004593 | 2018-01-16T22:15:38Z | Restaurant | Restaurant NODNOL. | Restaurant | Via |
| wpt | 51.0534668 | 3.9961052 | 2018-01-16T22:16:40Z | Links | Links naar de Jan Praetstraat | Left | Nav |
| wpt | 51.0511279 | 3.9990234 | 2018-01-16T22:17:48Z | Rechts | Rechts naar het Barendonkstraatje | Right | Nav |
| wpt | 51.0498515 | 3.997762 | 2018-01-16T22:18:22Z | Keerom | Keerom na het controlepunt | Flag | Via |
| wpt | 51.0511279 | 3.9990234 | 2018-01-16T22:18:55Z | Rechts | Rechts naar de Damweg | Right | Nav |
| wpt | 51.0500336 | 4.0026927 | 2018-01-16T22:19:54Z | Links | Links naar de onverharde zandweg | Left | Nav |
| wpt | 51.0502696 | 4.0040874 | 2018-01-16T22:20:14Z | Links | Links naar de onverharde weg | Left | Nav |
| wpt | 51.0506558 | 4.0031862 | 2018-01-16T22:20:30Z | | | | Shape |
| wpt | 51.053853 | 3.9993453 | 2018-01-16T22:22:02Z | Rechts | Rechts naar de onverharde weg | Right | Nav |
| wpt | 51.055162 | 4.0042162 | 2018-01-16T22:23:17Z | Rechtsaf | Rechtsaf naar de Gentsesteenweg N445 | Right_slight | Nav |
| wpt | 51.0556494 | 4.0065529 | 2018-01-16T22:23:51Z | Aankomst | Aankomst op de Gentsesteenweg N445 | Flag | Via |
| 0 | trkpt | 51.0551323 | 4.0006357 | 2018-01-16T22:13:50Z | | | |
| 1 | trkpt | 51.0550976 | 4.0029073 | 2018-01-16T22:14:21Z | | | |
| 2 | trkpt | 51.055119 | 4.0037227 | 2018-01-16T22:14:33Z | | | |
| 3 | trkpt | 51.055162 | 4.0042162 | 2018-01-16T22:14:40Z | | | |
| 4 | trkpt | 51.0549474 | 4.003787 | 2018-01-16T22:14:47Z | | | |
| 5 | trkpt | 51.0540833 | 4.0004593 | 2018-01-16T22:15:38Z | | | |
| 6 | trkpt | 51.0539389 | 3.9999032 | 2018-01-16T22:15:46Z | | | |
| 7 | trkpt | 51.053853 | 3.9993453 | 2018-01-16T22:15:54Z | | | |
| 8 | trkpt | 51.0537887 | 3.9986587 | 2018-01-16T22:16:04Z | | | |
| 9 | trkpt | 51.0535097 | 3.9966416 | 2018-01-16T22:16:33Z | | | |
| 10 | trkpt | 51.0534668 | 3.9961052 | 2018-01-16T22:16:40Z | | | |
| 11 | trkpt | 51.0532308 | 3.9961267 | 2018-01-16T22:16:46Z | | | |
| 12 | trkpt | 51.0530591 | 3.996191 | 2018-01-16T22:16:49Z | | | |
| 13 | trkpt | 51.0529733 | 3.9962769 | 2018-01-16T22:16:52Z | | | |
| 14 | trkpt | 51.0528874 | 3.9964056 | 2018-01-16T22:16:54Z | | | |
| 15 | trkpt | 51.0525012 | 3.9971137 | 2018-01-16T22:17:07Z | | | |
| 16 | trkpt | 51.0522437 | 3.9975858 | 2018-01-16T22:17:16Z | | | |
| 17 | trkpt | 51.0519862 | 3.9979935 | 2018-01-16T22:17:24Z | | | |
| 18 | trkpt | 51.051321 | 3.9988303 | 2018-01-16T22:17:43Z | | | |
| 19 | trkpt | 51.0511279 | 3.9990234 | 2018-01-16T22:17:48Z | | | |
| 20 | trkpt | 51.0498515 | 3.997762 | 2018-01-16T22:18:22Z | | | |
| 21 | trkpt | 51.0511279 | 3.9990234 | 2018-01-16T22:18:55Z | | | |
| 22 | trkpt | 51.0510421 | 3.9991951 | 2018-01-16T22:18:58Z | | | |
| 23 | trkpt | 51.0504842 | 4.0006757 | 2018-01-16T22:19:22Z | | | |
| 24 | trkpt | 51.050334 | 4.0011477 | 2018-01-16T22:19:30Z | | | |
| 25 | trkpt | 51.0502911 | 4.0013838 | 2018-01-16T22:19:33Z | | | |
| 26 | trkpt | 51.0502911 | 4.0016198 | 2018-01-16T22:19:36Z | | | |
| 27 | trkpt | 51.0503125 | 4.0019202 | 2018-01-16T22:19:41Z | | | |
| 28 | trkpt | 51.0503125 | 4.0021777 | 2018-01-16T22:19:44Z | | | |
| 29 | trkpt | 51.0502267 | 4.0024567 | 2018-01-16T22:19:49Z | | | |
| 30 | trkpt | 51.0500336 | 4.0026927 | 2018-01-16T22:19:54Z | | | |
| 31 | trkpt | 51.0500336 | 4.0028429 | 2018-01-16T22:19:56Z | | | |
| 32 | trkpt | 51.0501623 | 4.0033364 | 2018-01-16T22:20:04Z | | | |
| 33 | trkpt | 51.0502267 | 4.0036798 | 2018-01-16T22:20:09Z | | | |
| 34 | trkpt | 51.0502696 | 4.0040874 | 2018-01-16T22:20:14Z | | | |
| 35 | trkpt | 51.050334 | 4.0040445 | 2018-01-16T22:20:16Z | | | |
| 36 | trkpt | 51.0504198 | 4.0038943 | 2018-01-16T22:20:19Z | | | |
| 37 | trkpt | 51.0504842 | 4.0037656 | 2018-01-16T22:20:21Z | | | |
| 38 | trkpt | 51.0506558 | 4.0031862 | 2018-01-16T22:20:30Z | | | |
| 39 | trkpt | 51.0507417 | 4.0029287 | 2018-01-16T22:20:34Z | | | |
| 40 | trkpt | 51.0508704 | 4.0027142 | 2018-01-16T22:20:38Z | | | |
| 41 | trkpt | 51.0510981 | 4.0024658 | 2018-01-16T22:20:44Z | | | |
| 42 | trkpt | 51.0511923 | 4.002285 | 2018-01-16T22:20:48Z | | | |
| 43 | trkpt | 51.0514283 | 4.0015769 | 2018-01-16T22:20:59Z | | | |
| 44 | trkpt | 51.0514927 | 4.0014267 | 2018-01-16T22:21:01Z | | | |
| 45 | trkpt | 51.0529733 | 3.999753 | 2018-01-16T22:21:42Z | | | |
| 46 | trkpt | 51.053853 | 3.9993453 | 2018-01-16T22:22:02Z | | | |
| 47 | trkpt | 51.0539389 | 3.9999032 | 2018-01-16T22:22:10Z | | | |
| 48 | trkpt | 51.0549474 | 4.003787 | 2018-01-16T22:23:09Z | | | |
| 49 | trkpt | 51.055162 | 4.0042162 | 2018-01-16T22:23:17Z | | | |
| 50 | trkpt | 51.0552263 | 4.0046883 | 2018-01-16T22:23:23Z | | | |
| 51 | trkpt | 51.0556494 | 4.0065529 | 2018-01-16T22:23:51Z | | | |

A tcx clone by gpx track with associated waypoints.
 Very similar to Garmin tcx courses with associated coursepoints.
<http://forum.locusmap.eu/index.php?topic=4178.msg32090#msg32090>