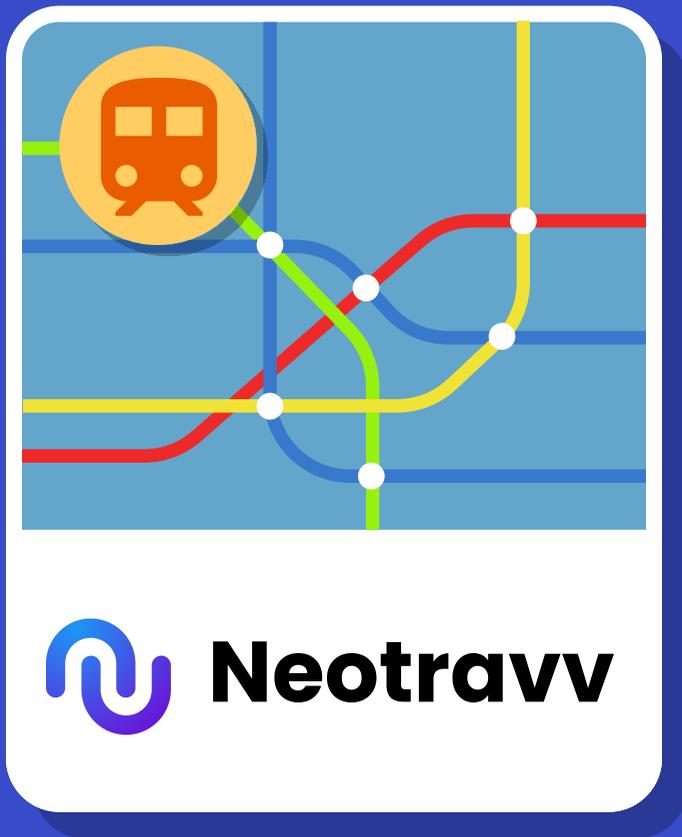


Hand Book

User Manual & Guide



in English

Contents

| | |
|---|-----------|
| 1 Add Stations | 1 |
| 2 Search Station | 2 |
| 3 Stations | 3 |
| 3.1 Stations - View Station | 3 |
| 3.2 Stations - Edit Station | 4 |
| 4 Settings | 5 |
| 4.1 Settings - Add Line Colors | 6 |
| 4.2 Settings - Backups | 7 |
| 4.3 Settings - Data | 8 |
| 5 Lines | 9 |
| 5.1 View Line | 10 |
| 5.1.1 View Line - Edit Mode | 11 |
| 5.1.2 View Line - Edit Branch | 12 |
| 6 Abbreviations | 13 |
| 7 Maps | 14 |
| 7.1 Maps - Add Stations | 15 |
| 7.2 Maps - Edit Stations | 16 |
| 8 Metromapcreator | 17 |
| 9 Metromap Configurator | 21 |
| 10 Routemapcreator | 22 |
| 11 Freestyle Routemapcreator | 23 |
| 12 Documents | 24 |
| 13 Document Development | 25 |
| 14 Notes | 29 |

Add Stations

Add station

Mercury Ave

A, B, D

Suburban train Lines

RF Lines

Information

3

MA

Suburban train Abb

MER

RF Abbreviation

Station plan

Upload image:

* Mandatory fields
Lines must be separated by a comma.

Name of the station

- Station ID
- Use "0" to assign no ID

Station Abbreviation

Lines, separated by a comma

Add an image to the station

Fill out the fields in order to add a station. Make sure that all line and abbreviation fields only contain digits, characters, commas and white spaces!

Look for occupied IDs

Add station

23

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 100 | 101 |
| 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | |

Search Station

Search station

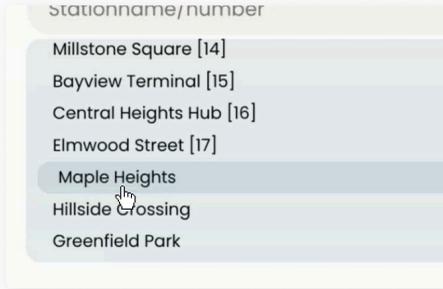
S

- Lakeshore Park [7]
- Broadway South [9]
- Westgate Central [11]
- Silver Springs [12]
- Liberty Plains [13]
- Millstone Square [14]
- Central Heights Hub [16]

Search stations by its name or its ID

3.1

Stations- View Station



View a station by clicking it

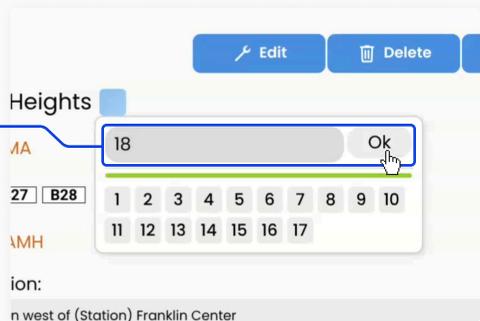


see 3.2

Subway lines/abbreviation
Bus/Tram/Night bus/Night tram lines/abbreviation
Regional/Long distance train lines/abbreviation

Only the used types are displayed

Assign ID to stations



Stations - Edit Station

Fill out the text fields

The screenshot shows a web form titled "Edit station" with a "Back" button. The form contains several input fields: "L2" (value: Suburban trai), "B1,B27,B28" (value: R32), "MA" (value: Suburban trai), "MAH" (value: AMH), and a text area (value: One station west of (Station) Franklin Center). Below these fields are two buttons: "Upload file" and "Remove station plan?". The "Remove station plan?" button is accompanied by a list of instructions: "With a '+' followed by the lines, you can add lines to the existing ones!", "With a '-' you can delete either all or individual lines in the field!", and "Commands cannot be combined!". A "Save" button is at the bottom. Blue lines with boxes highlight the "Upload file" and "Remove station plan?" buttons, with arrows pointing to external labels.

Upload station image

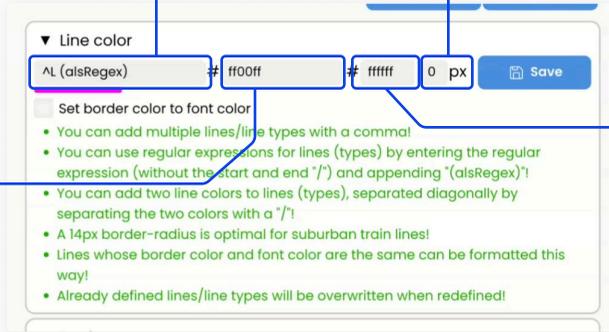
Remove station image

4.1

Add line colors

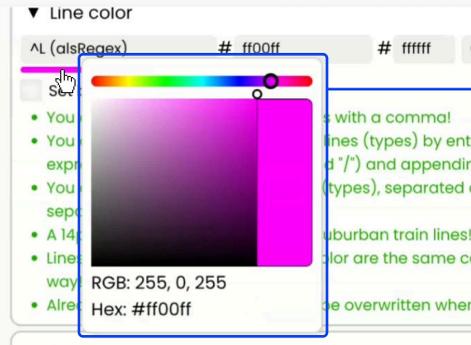
Line name(s), regular expression

Border Radius

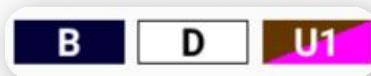


Main/
background
color

Font color



Use the Color picker to find an optimal color



Modified (left/right) and initial (middle) line icons

Backups

Load Backup and overwrite current storage

Download backup file

The screenshot shows a backup management interface. At the top, there is a dropdown menu labeled 'Backup'. Below it is a list of backup entries, each with a clock icon, a timestamp, and a date. To the right of each entry are two buttons: 'Load' and a button with a download icon. At the bottom of the interface, there is an 'Import:' section with three buttons: 'Upload file', 'Import', and 'Download newest'. The word 'stable' is visible in the bottom right corner of the interface.

| Timestamp | Date | Action 1 | Action 2 |
|-----------|----------|----------|----------|
| 20:48 | 14.08.25 | Load | Download |
| 20:02 | 14.08.25 | Load | Download |
| 19:54 | 14.08.25 | Load | Download |
| 22:59 | 13.08.25 | Load | Download |
| 02:03 | 13.08.25 | Load | Download |
| 01:32 | 13.08.25 | Load | Download |
| 01:27 | 13.08.25 | Load | Download |

Import:

stable

Upload and import storage file

Download latest autosave

Data

[> Back](#)

Stations:

1 : Riverside Junction|1|L21,L22|RJ|-1|-1|B22,B38|RJ|F21|ARJ|-1|,-1
 

2 : Franklin Center|2|L2,L21|FC|-1|-1|B1,B28|FRC|-1|-1|,-1
 

3 : Mercury Ave|3|A,B,D|MA|-1|-1|,2,4,13|MER|-1|-1|,-1
 

4 : Union Square East|4|-1|-1|-1|B2,B53|USE|-1|-1|,-1
 

5 : Harbor Point Terminal|5|L1,L3,L22|HP|-1|-1|B15|HAP|-1|-1|,-1
 

colors : ^L (alsRegex);#ff00ff;#ffffff;0px;#ff00ff
  

LL :

Edit and delete storage data. Changing and deleting data may lead to problems. Make sure to firstly save the newest storage file!

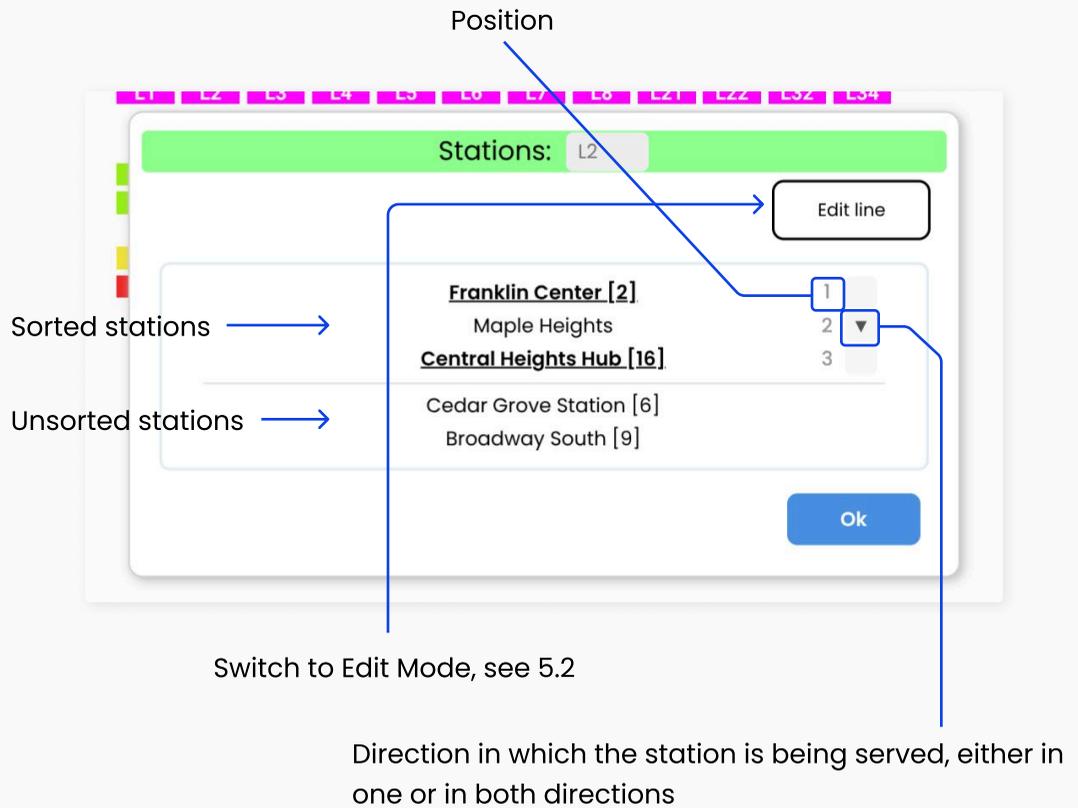
Settings

The screenshot shows a settings interface with the following elements and annotations:

- Settings**: The main title, underlined in orange.
- Access data**: A blue button with a line pointing to the annotation "see 4.3".
- Delete**: A blue button with a trash icon and the text "Delete", with a line pointing to the annotation "delete all storage data".
- Line color**: A menu item with a right-pointing arrow, enclosed in a blue box with a line pointing to the annotation "see 4.2".
- Backup**: A menu item with a right-pointing arrow, enclosed in a blue box with a line pointing to the annotation "see 4.1".
- Logout**: A button with a right-pointing arrow icon and the text "Logout".
- test-email3@mail.com**: A red text label.
- stable**: A grey text label.
- 3 - 14**: A grey text label.
- © 20**: A grey text label.
- samalone - All rights reserved**: A grey text label.

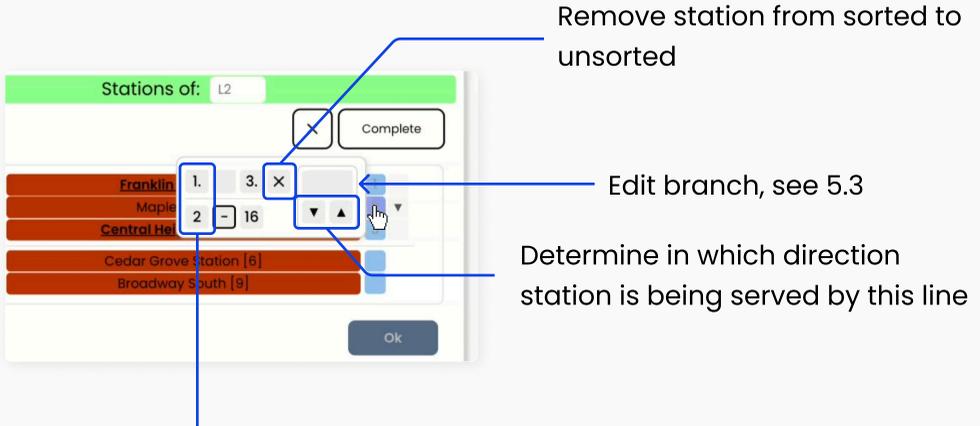
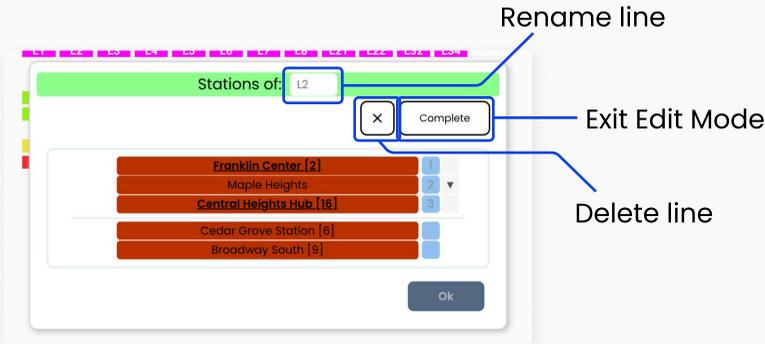
5.1

View Line

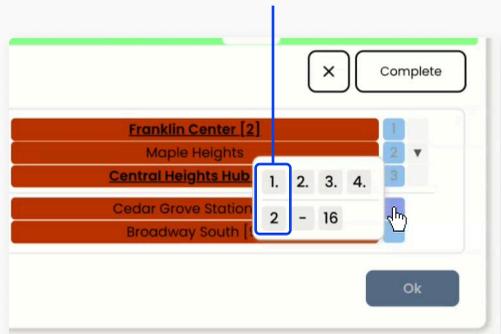


5.2

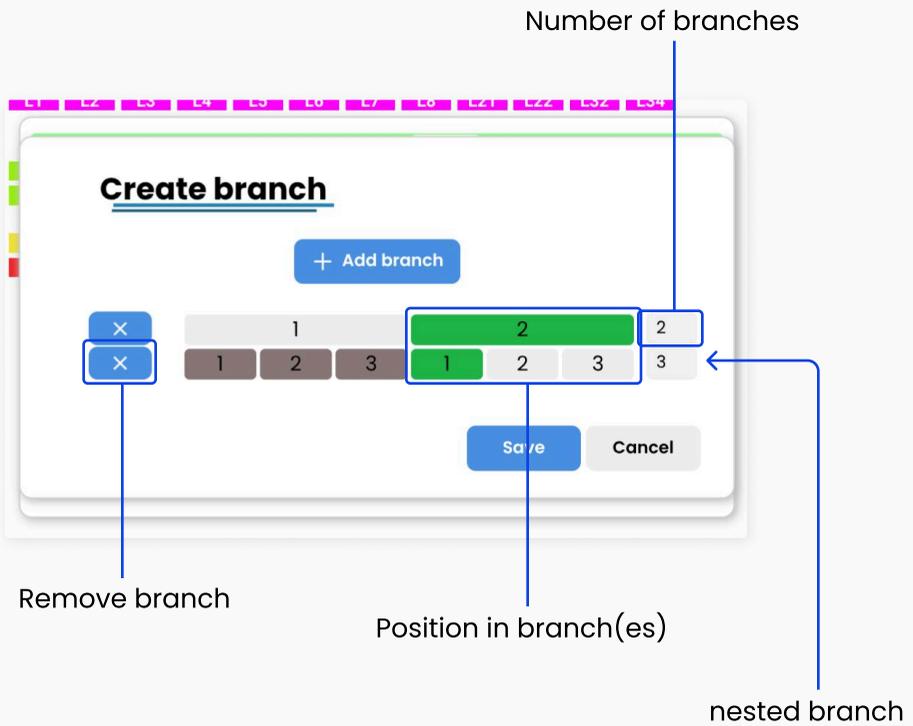
View Line - Edit Mode



Move to position on click (top) and ID of station in that position (bottom)



View Line - Edit Branch



Lines

L1 L2 L3 L4 L5 L6 L7 L8 L21 L22 L32 L34

B01 B02 B03 B08 B09 B10 B12 B14 B15 B18 B20 B22 B26
B27 B28 B29 B33 B38 B45 B50 B53 B63

R02 F02 F03 F04 R05 R07 F07 R09 F14 R14 F15 R17 R19
F20 F21 R25 R31 R32

You can see all lines used in defined stations. Clicking the lines reveals further information, see 5.1

Abbreviations

undefined abbreviation where lines have been assigned

Abbreviations

Stationname etc

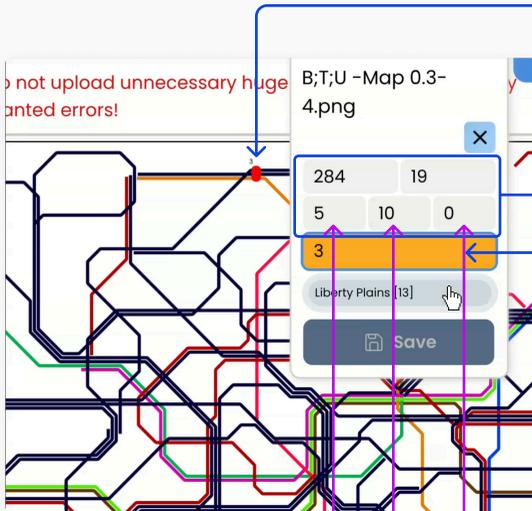
Sort:

| Name [Nr] | U | S | T/B/NT/N | RF |
|---------------------------|----|---|----------|-----|
| Riverside Junction [1] | RJ | - | RIJ | ARJ |
| Franklin Center [2] | FC | - | FRC | - |
| Union Square East [4] | - | - | USE | - |
| Harbor Point Terminal [5] | HP | - | HAP | - |
| Cedar Grove Station [6] | CG | - | - | ACG |
| Lakeshore Park [7] | LP | - | - | ALA |
| Pine Valley Depot [8] | - | - | PIV | APV |
| Broadway South [9] | LP | - | "" | - |
| Oak Hill Exchange [10] | - | - | OHE | AOE |
| Westgate Central [11] | WC | - | - | WGC |

search station by name, abbreviation, id etc

Two stations with the same abbreviation in the same category

Maps - Add Station



choose the position and form in the station by clicking on the map or by adjusting the values

ID of the station, make sure that the station ID exists

width in px

height in px

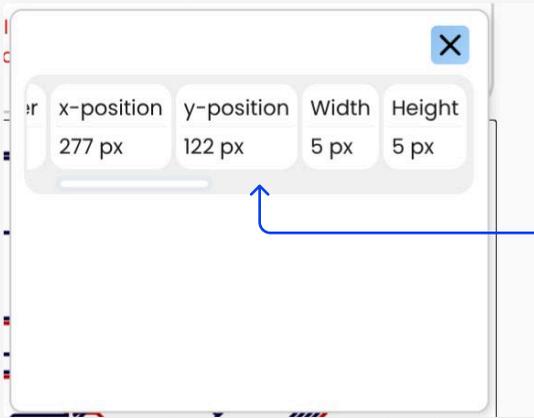
angle

necessary huge images

view the station by click

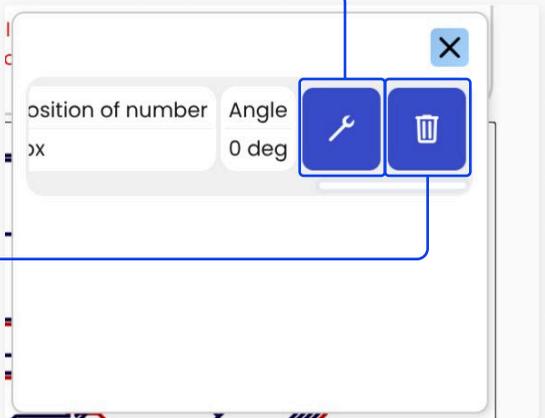


Maps - Edit Station



Information about stations on the map

edit the station



delete the station

Maps

The screenshot shows a web interface for managing maps. At the top, there's a header with the word 'maps' in orange. Below it, a section titled '▼ Maps' contains an 'Edit maps:' area. This area displays a file tree structure with a folder 'x_debrecated /' and several files: 'B;T -Map 0.3-4.png', 'B;T;U -Map 0.3-4.png', 'S -Map Code 0.3-4.png', 'S;U -Map Code 0.3-4.png', and 'S;UmLand -Map Code 0.3-4.png'. A blue 'Delete' button is positioned below the file tree. Below the 'Delete' button is an 'Add map:' section with an 'Upload file' button. A red warning message reads: 'If changes are made to the files, the folder must be uploaded again. Make sure to not upload unnecessary huge images and data, it may lead to unwanted errors!'. Blue arrows point from text labels to the 'Delete' button, the 'Upload file' button, and the file tree.

delete root folder

upload folder

choose file

The screenshot shows a map visualization interface. The top part displays a network of lines representing a map. Below the map is a section titled 'Configure station marking:' with three buttons: '+ Add station', 'Edit station', and 'Download map'. Blue arrows point from text labels to these buttons and the map area.

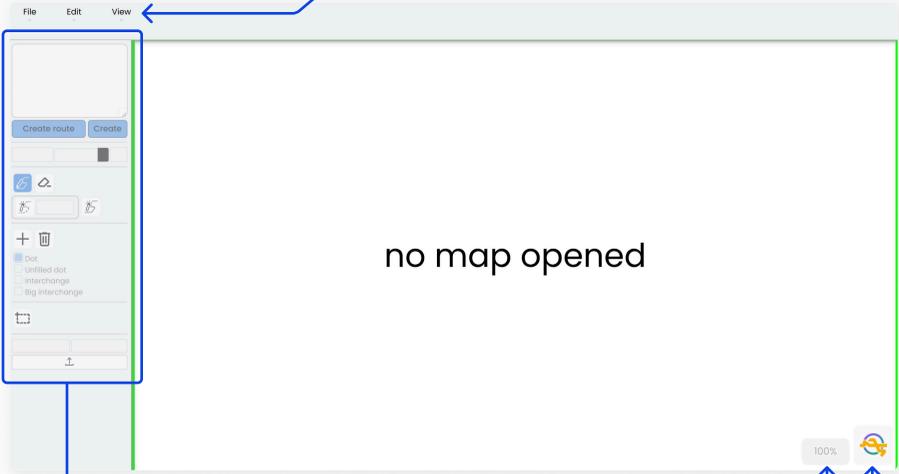
download the map

add station to the map

edit stations

Metromapcreator

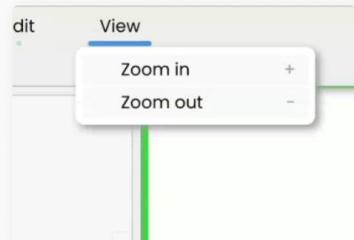
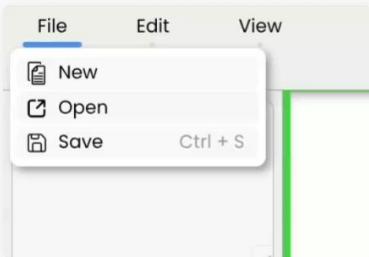
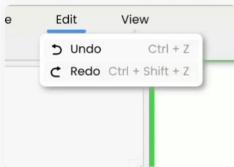
option bar



drawing settings

zoom

return to home



Metromapcreator

New map

Name

Width

Height

create new map

Load map

Enter a valid map code or upload an .mcoad file to load the map

Insert/Upload map code

load map by map code or .mcoad file

save map via text, .mcoad file or .png file

Save map

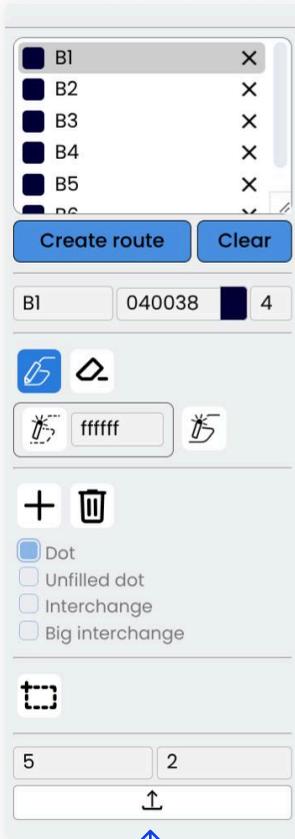
Save the map by saving the map code (via .mcoad file) or by downloading the map as a .png file

```
name=B;T;U -Map
Code;/curvenum=5;jumptol=12;parrasnap=2;dimensions=1250x900;textfields=
[];line0name=B;line0width=4;line0color=#040038;line0index=0;line0strokes={line0stroke0=
{type=hor,angle=180,dashed=undefined,ord=
{onhor:left,onver:bottom},sx=648,sy=31,ex=390,ey=31}$line0stroke1=
{type=dlo,angle=135,dashed=undefined,ord=
{onhor:left,onver:bottom},sx=390,sy=31,ex=354,ey=347}$line0stroke2=
{type=ver,angle=90,dashed=undefined,ord=
{onhor:right,onver:bottom},sx=354,sy=347,ex=354,ey=405}$line0stroke3=
{type=dlo,angle=45,dashed=undefined,ord=
{onhor:right,onver:bottom},sx=354,sy=405,ex=392,ey=443}$line0stroke4=
{type=ver,angle=90,dashed=undefined,ord=
```

Size: 1250x900px

scaling of png image

Metromapcreator



← manage lines

← create route and clear all strokes of current route (right)

← line information (name, color in HEX, line width)

← draw (left)/erase (right) strokes

← dash (left)/undash (right) strokes

← add (left) station to/remove (right) station from current line

← choose station type

← add textfield

← curveradius (left)/line docking height (right)

← add transparent background image

make sure that the image has the same size as the canvas, otherwise, it's being automatically scaled to the canvas size

Metromapcreator

erase strokes

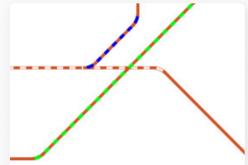
select a stroke to delete it

dash strokes

choose a color in HEX and dash is by selecting a stroke

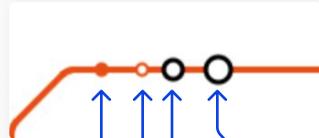
undash strokes

undash strokes by selecting it



add station to current line

choose the station type and select a spot on a stroke



remove station of current line

select a station to delete it



add textfield

add a textfield

drag textfield



curvenumber

determine the corner radius of the strokes

rotate textfield

resize textfield



rotate 45°

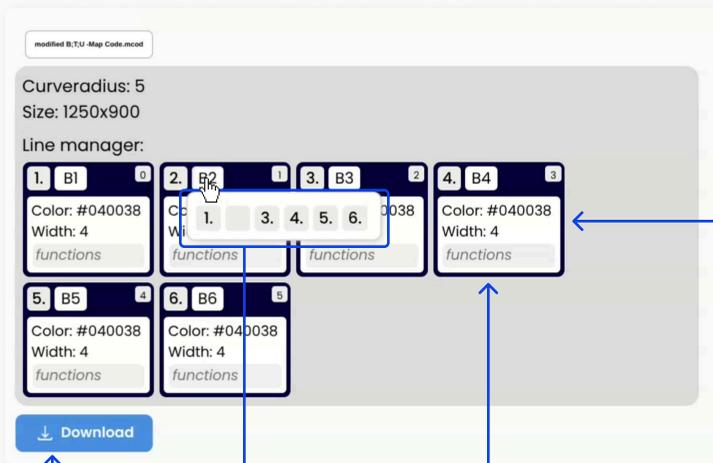
font

delete selected textfield

line docking height

determine the distance when drawing a parallel stroke to another

Metromap Configurator



download modified map code

change position of line

functions to modify lines:

- $\text{move}(x,y)$ → move line horizontally by x and vertically by y
- $\text{delete}()$ → delete line

line information

Routemapcreator

select line



The screenshot shows a web interface for 'Routemapcreator'. At the top left, there is a text input field containing 'BI (T)'. To its right is a blue button labeled 'Download route map'. Below these elements is a large rectangular area containing a horizontal line representing a route. Along this line, there are 14 circular markers representing stations. The names of the stations are written above each marker and are rotated diagonally for better readability. The stations, from left to right, are: Wilhelm Platz, Kottbusstraße, Europaplatz, Europaplatz Süd, Jahn-Station, Rudow, Kottbusstraße, Berlin-Adlonstrassenplatz, Kottbusstraße, Ost-OS, Kottbusstraße, and Hauptbahnhof/Hauptbahnhof.

Freestyle Routemapcreator

The screenshot shows the 'Route Creator' interface. At the top, the title 'Route Creator' is underlined in orange. Below it, a horizontal route is shown with four stations labeled 'stop 1', 'stop 2', 'stop 3', and 'stop 4'. Stop 1 and Stop 4 are marked with red lines, while Stop 2 and Stop 3 are marked with grey lines. A red line connects Stop 1 to Stop 4. Below the route, there are four sets of controls for each station: a plus sign (+) for adding, a refresh icon, a square button, and a circle button. Stop 2 and Stop 3 have additional controls: a right-pointing arrow, a left-pointing arrow, a circle with a right-pointing arrow, and a circle with a left-pointing arrow. A 'Download plan' button is located at the bottom center. The text '4 Stations' is at the bottom left. Annotations with blue arrows point to these elements: 'add station' points to the plus sign; 'choose color of route' points to the refresh icon; 'change station type' points to the square button; 'change serving direction' points to the right-pointing arrow; 'remove station' points to the circle with a right-pointing arrow.

add station

Route Creator

stop 1 stop 2 stop 3 stop 4

4 Stations

Download plan

choose color of route

change station type

change serving direction

remove station

abf(t)

| | | | |
|-----|--|---|----------|
| B1 | .04 | a | from RAP |
| | a + ((RAP>B1>HBF) + -)a | a | from HBF |
| B2 | c + 10 | d | from SSI |
| | ((+ ((SSI>B2>RAP)) + -)d | d | from RAP |
| B3 | (c + ((RAP>B1>SN) - ((SN>B3>RAP) | b | from RAP |
| | (c + ((RAP>B3>KIG)) + -)b | b | from KIG |
| B4 | e + 10 | f | from HBF |
| | ((+ ((RAP>B3>KIG)) + -)f | f | from ILC |
| B5 | e + 10 | h | from VER |
| | ((+ ((HBF>B5>SMA) + 10) - ((SMA>B5>VER) | h | from SMA |
| B6 | e + 10 | c | from KIG |
| | ((+ ((KIG>B6>SSI)) + -)c | c | from SSI |
| B7 | (f + ((HBF>B4>ABI) - ((ABI>B7>VER) | g | from VER |
| | (f + ((HBF>B4>ABI) - ((ABI>B7>VER) | g | from ILC |
| B8 | ((+ ((RAP>B1>BAP) + 12) - ((BAP>B8>HBF) | e | from HBF |
| | ((+ ((HBF>B1>BAP) + 11) - ((BAP>B8>SMA) | e | from SMA |
| B9 | ((+ ((VER>B8>FRB) + 10) - ((HBF>B9>FRB) | m | from FRB |
| | ((+ ((FRB>B9>MAB)) + -)m | m | from MAB |
| B10 | ((+ ((HBF>B4>ILC) + 10) - ((ILC>B10>KRE) | l | from KRE |
| | ((+ ((KRE>B10>ILC)) + -)l | l | from ILC |
| B11 | ((+ ((KRE>B10>TRS) + 4) - ((TRS>B11>KRE) | l | from KRE |
| | ((+ ((ILC>B10>TRS) + 5) - ((TRS>B11>FLN) | l | from FLN |
| B12 | ((+ ((KRE>B12>ILC)) + -)l | l | from KRE |
| | ((+ ((ABI>B13>HRS)) + -)k | k | from FLN |
| B13 | ((+ ((ABI>B13>HRS) - ((HRS>B13>ILC) | k | from ILC |
| | (g + ((VER>B7>ABI)) + 3 | k | from ABI |
| B14 | ((+ ((FLN>B13>AUS) | l | from AUS |
| | ((+ ((AUS>B14>SSI)) + -)l | l | from SSI |
| B15 | g | g | from VER |
| | ((+ ((VER>B15>HBF)) + -)g | g | from HBF |
| U1 | ((00 + Sc) + 4 | a | from MA |
| | .03 | a | from KR |

formulas

variables

assigning departure formulas to variables that represent departure from start and end station

Upload a folder with .ldef and .tdef files in order to display the timetable sketches

B4

Frequency approximate/as possible; individual journeys may vary, timings may vary or overlap

({})({}) a

Mo-Fr:

| Dep | Trip | Key |
|--|---|--------------------|
| a | B4 b/w. Hauptbahnhof/Neustadt Hbf. & Ilchenberg | |
| a + 20 | B4 b/w. Hauptbahnhof/Neustadt Hbf. & Ilchenberg | |
| a + 40 | B4 b/w. Hauptbahnhof/Neustadt Hbf. & Ilchenberg | |
| 6h, 7h, 8h, 9h, 10h, 15h, 16h, 17h, 18h, 19h, 20h | | |
| Dep | Trip | Key |
| a | B4 b/w. Hauptbahnhof/Neustadt Hbf. & Ilchenberg * | * weiter/zuvor als |
| a + 20 | B4 b/w. Hauptbahnhof/Neustadt Hbf. & Ilchenberg * | B13>FHN/B13>HBF |
| a + 40 | B4 b/w. Hauptbahnhof/Neustadt Hbf. & Ilchenberg * | |
| 11h, 12h, 13h, 14h | | |
| last trip with arr. at Hauptbahnhof/Neustadt Hbf. (from Ilchenberg) / Ilchenberg (from Hauptbahnhof/Neustadt Hbf.) after last service hour only to bigger intersections (arr. last hour -1min at the latest) | | |
| Sa | | |
| Dep | Trip | Key |
| a | B4 b/w. Hauptbahnhof/Neustadt Hbf. & Ilchenberg | |
| a + 20 | B4 b/w. Hauptbahnhof/Neustadt Hbf. & Ilchenberg | |
| a + 40 | B4 b/w. Hauptbahnhof/Neustadt Hbf. & Ilchenberg | |
| 6h, 11h, 12h, 13h, 14h, 20h | | |
| Dep | Trip | Key |
| a | B4 b/w. Hauptbahnhof/Neustadt Hbf. & Ilchenberg * | * weiter/zuvor als |
| a + 20 | B4 b/w. Hauptbahnhof/Neustadt Hbf. & Ilchenberg * | B12>FHN/B12>HBF |
| a + 40 | B4 b/w. Hauptbahnhof/Neustadt Hbf. & Ilchenberg * | |
| 7h, 8h, 9h, 10h, 15h, 16h, 17h, 18h, 19h | | |
| last trip with arr. at Hauptbahnhof/Neustadt Hbf. (from Ilchenberg) / Ilchenberg (from Hauptbahnhof/Neustadt Hbf.) after last service hour only to bigger intersections (arr. last hour -1min at the latest) | | |

weitere einzelne Fahrten zw. ABI und ILC, HBF und ABI

Document Development

To create timetables without knowing the exact travel times of the lines, you can program files that use variables. Thereby, departures can be calculated at all stops. In the .ldef file (a file for all lines or route sections) describes at what time in an hour the vehicles depart from selected stops (terminal stops). In the .tdef files (one file per line or route section), the interval of a line/route section is defined more precisely.

You can download a template folder.

Document Development

.Idef file

If you have a line, it must first be assigned to a vehicle type. This vehicle type must be assigned a name and an abbreviation.

```
1  BUS (B) {
2
3  }
```

Then you can define the lines. Be sure to avoid syntactic and logical errors. Think of a function that can describe the departure by adding and subtracting values and variables. Other operations (e.g. multiplication) are not allowed. You can use a specific time in an hour. You can also set a variable for the exact time.

```
1  BUS (B) {
2    abf B01(von AB) = :02 = a
3    abf B01(von CD) = :14 = a'
4  }
```

Travel times and turnaround times can be defined. To do this, you must specify where the trip segment starts and ends. The travel time can be specified as applying to one direction or both directions. Either you can assign a fixed time in minutes to the variable or *unknown*, if the driving/turning time is not known.

Additionally, departure times of other lines or other (terminal) stops can be used to define dependencies. To access variables from other vehicle types, the vehicle type abbreviation can be written before the variable.

```
1  BUS (B) {
2    fahz t[AB<B01>CD] = unknown /// Travel time between AB and CD
3    fahz t[EF>B01>CD] = unknown /// Travel time from AB to CD
4    fahz -a = 6 /// Any turnaround time
5
6    abf B01(von AB) = :02 = a
7    abf B01(von CD) = a + t[AB<B01>CD] + -a = a'
8  }
```

Document Development

For example, a system with 6 subway lines could look like this:

```

1  SUBWAY (U) {
2    fahz t[FC<L02>BT] = unknown
3    fahz t[BT<L02>MH] = unknown
4    fahz -b = unknown
5    fahz t[MH<L03>LP] = unknown
6    fahz t[BT<L02>FC] = unknown
7    fahz t[FC<L04>PV] = unknown
8    fahz t[FC<L04>BS] = unknown
9
10   abf L01(von CG) = :09 = a
11   abf L01(von LE) = Ba' - 10 = a'
12   abf L02(von MH) = b + t[BT<L02>MH] + -b = b'
13   abf L02(von BT) = Bb + Bt[BT5<B04>FKC] + 4 - t[FC<L02>BT] = b
14   abf L03(von MH) = b' + 10 = c'
15   abf L03(von LP) = b + t[BT<L02>MH] - t[MH<L03>LP] + 10 = c
16   abf L04(von PV) = f + t[BT<L02>FC] - t[FC<L04>PV] - 3 = e'
17   abf L04(von BS) = f + t[BT<L02>FC] - t[FC<L04>BS] - 3 = e''
18   abf L04(von GP) = Bd = e
19   abf L13(von LP) = c + 12 = f'
20   abf L13(von BT) = b + 8 = f''
21   abf L24(von PV) = e' + 7 = d'
22   abf L24(von MH) = b' + 7 = d''
23 }

```

```

23 }
24 sdf (U) {
25   asd 5 = FC <-> OH : L02, L13, L24
26   asd 1 = CG <-> LE : L01
27   asd 2 = BT <-> FC : L02, L13
28   asd 3 = PV <-> FC : L04, L24
29   asd 4 = BS <-> FC : L04
30   asd 5 = FC <-> GP : L04
31   asd 6 = MH <-> OH : L02, L03, L24
32   asd 7 = LS <-> OH : L03, L13
33 }

```

If the interval of the lines of a vehicle type is interdependent and if the accuracy of the interval is more important than the accuracy of the departure times, route sections can be defined. The routes of all lines are divided and parallel routes are summarized. The individual sections of the route are then given a name consisting of letters and/or numbers.

Document Development

.tdef file

Select a line or a section of a route that you have previously defined in the .ldef file. A section must have a ~ placed before its name!

```
1 (B) B01:
```

After that, you can define the weekdays on which the interval is different. If the interval is the same from Monday to Friday at the same time, these weekdays can be summarized. Additionally, holidays, vacations, etc. can be taken into account.

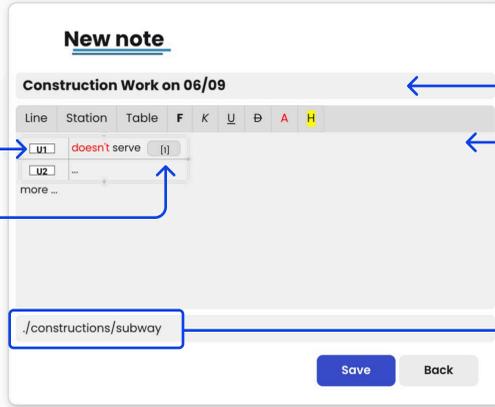
```
1 (B) B01:
2   Mon-Fri [
3
4   ]
5   Sat [
6
7   ]
8   Sun;Holiday [
9
10  ]
```

Afterwards, you can define intervals. Decide with which line and by how many minutes the intervals should start delayed from the departure time defined in the .ldef file. In most cases, the value 0 is sufficient. For route sections, you also need to assign a line serving the section to the value. The next value is added to the previous values. Fill in the values up to a full hour.

```
1 (B) B01:
2   Mon-Fri [
3     tsch [0] = [0:20,20,20] ... // 20 minutes interval
4     tsch [1] = [0:(15)_4] ... // 15 minutes interval
5     [0] -> 7-10, 15-20 // Assigning interval 0 to hour(s)
6     [1] -> 6, 11-14 // Assigning interval 1 to hour(s)
7   ]
8   Sat [
9     ]
10  ]
```

```
1 (U) -S:
2   Mon-Fri (schooldays) [
3     tsch [0] = [0#L01:(7#L13,7#L24*,6#L01)_3] ... '*zw CD & EF'
4     tsch [1] = [0#L01:(15#L01)_4] ...
5     [0] -> 7-10, 15-20
6     [1] -> 6, 11-14
7     "relevant information"
8   ]
```

Notes



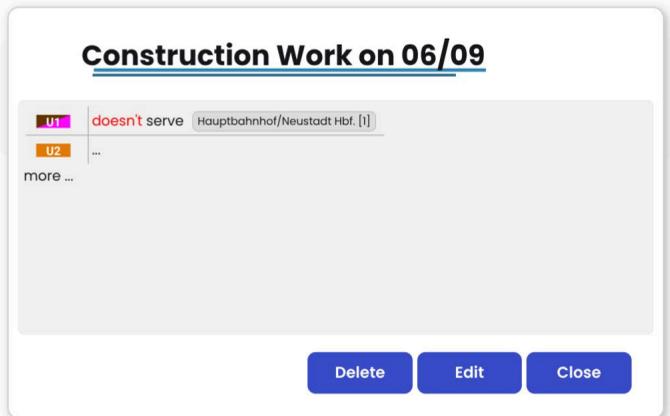
← Title

← Content

Path; always define path from root

Station adding container, '[id]' is a combination where *id* is the id of an existing station. This automatically generates the name of the station

Line adding container; insert the line name and colors are generated automatically in the viewing mode



Website: www.neotravv.com

Thank you for using Neotravv.

Our support is happy to assist you with any questions or problems.

Contact: www.neotravv.com/contact

last updated: February 2026 (v1.0)

