

Map Theme Maker



Creating your own Garmin map themes

vers 1.1

N Willink © 15/11/2015

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Introduction

Windows 7/10 installation

Both windows 7 & 10 require additional permissions to install our software.
For more details see www.pinns.co.uk/osm/windows10.html

It is essential that you

- a) Install the setup as Administrator
- b) Run Map Theme Maker as Administrator

Failure to do so results in data not being saved.

What does Map Theme Maker do?

- Map Theme Maker is a standalone tool which enables you to create your own map themes for your Garmin Nuvi or Zumo
- It displays all the Polygons and Lines
- Click on an element to change its properties
- You can edit day and night colours
- You can edit border and line (scale) properties
- You can edit Arrow & Route Colours

Why do I need a serial number if it is free?

This is to avoid our software being distributed by those who wish to capitalise on the product by making you click on ads before you can download the software.

We reserve the right to respond to any misuse of the software.

What are Map themes?

Garmin some time ago realised different countries used different colour schemes to represent their highways etc.

The TYP file structure does not lend itself to multiple blocks of polygons and lines – TYP files also would become too large.

The solution was to create themes which dealt with lines and polygons only, ie no POIs and indeed no bitmaps lines or polygons.

There are 2 bitmap lines, ie rail road and road track

In addition, Garmin introduced a range of map categories called Presentations – see below

Opening a map theme

There are 3 ways of loading map theme:

- 1) Go File → Open

To locate theme files connect your device to your PC

Double click on the Garmin Folder and locate folder named Themes

In there is another folder, called Map – this may be different on some devices

We suggest you copy the theme folder on to your PC and discover what the different themes contain.

- 2) Double click on a kmtf file

If this doesn't work then reinstall Map Theme Maker and make sure you tick the Associate option.

- 3) Drag & drop a kmtf file onto the white part of the program

Creating a new map theme

Save any previous work then

Go File → New

There a finite number of polygons,highways and lines to choose from

Polygons	Highways	Other Lines	Routes
BEACH	ROAD_ALLY	CNTR_MJR	RTE_ACTV_LEG
BUILDING	ROAD_ARTERIAL	CNTR_INT	RTE_ARRW
BUILDING_SHADOW	ROAD_COLLECTOR	CNTR_MNR	RTE_GPI_EMB
EXTRD_AREA	ROAD_DIM	DPTH_CNTR_MJR	RTE_INACTV_LEG
GLACIER	ROAD_INTERSTATE	DPTH_CNTR_INT	
LAND	ROAD_SS_INTERSTATE	DPTH_CNTR_MNR	
MISC_AREA	ROAD_HWY_MJR	GRID_LINE	
MISC_RESTRIction	ROAD_HWY_MNR	MISC_LINE	
MISC_OBSTRUction	ROAD_RAILRD	MISC_WATER_LINE	
MISC_WATER_AREA	ROAD_RESIDENTIAL	PLTCL_INTL	
PARK	ROAD_RAMP	PLTCL_MJR	
RWY_HSRFC runway	ROAD_TRAIL	PLTCL_MNR	
URBAN_LAND	ROAD_UNPAVED	LEGEND	
WATER	TRK		
WETLAND	TRK_SAVED		
WOODS			

Click the plus button and select a category (Presentation)

You can tick the Select all option to select all Lines or Polygons

Instead, you can also select just a few using CTRL mouse click

Or select a small block using SHIFT mouse click

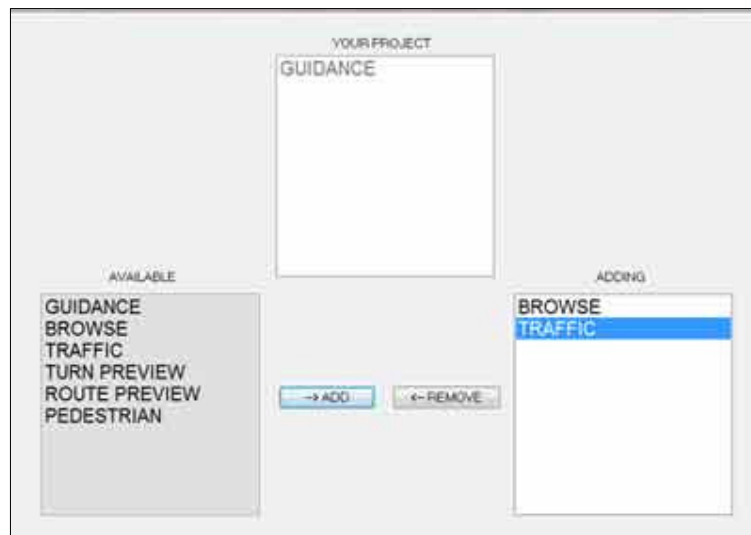
Click **Add**

Adding more presentations

From the main menu go Edit → Add Presentation

Select a Presentation and click ADD

Click Apply to copy all the elements found in a previous presentation.



Removing a presentation

From the main Menu click File → Edit → Remove presentation

Select a presentation and click Remove. Next, click Apply to remove all the elements found in the presentation.

