

Java program to fix the routing behaviour of the XT.

WARNINGS:

- **Use at your own risk.**
- This procedure involves enabling access to the .System folder of the XT, copying files from the XT to your computer and back to the XT. If you don't feel confident doing this, stop right now.
The .System folder is vital for correct operation of the XT.
- Only use this procedure for the Garmin Zumo XT.

Description:

This procedure can be used to correct the routing behaviour of the XT, as described in posts of this forum called 'Weird routing behaviour'

<https://www.zumouserforums.co.uk/viewtopic.php?t=2030>

<https://www.zumouserforums.co.uk/viewtopic.php?t=2291>

Multiple tests carried out reveal that a 'Saved trip' will recalculate the route/trip to the next Via/Shaping point when you deviate from the route. For an 'Imported trip' it will try to get you back by requesting U-Turns. This procedure modifies a bit in the .trip files that defines whether it's an Imported or a Saved trip. Thus changing an 'Imported trip' to a 'Saved trip' and consequently changing the routing behaviour.

Instruction:

One-time preparation.

- Enable access to the .System folder on your XT.
See: <https://www.zumouserforums.co.uk/app.php/ZXT-P84>
- Install the Java runtime for your OS, if not already present.
There are multiple sources where you can get Java. My choice is:
<https://www.java.com/en/download/manual.jsp>
If the installer did not add the directory where java.exe is installed to your system PATH, you can add the directory to your system PATH manually, or modify the supplied CMD file by specifying the directory where java.exe is located.

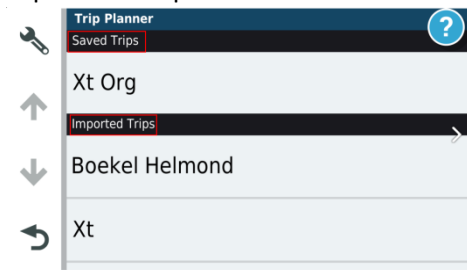
Supplied CMD file:

```
java -jar SetTripsToSaved.jar  
pause
```

- Download the SetTripsToSaved zip file and extract it to your hard-drive in a folder.
Could be in a folder on your desktop for example.

Procedure to carry out, after routes have been imported in the Trip planner.

- Your imported trips will be listed, initially, under 'Imported Trips'. Once the following tasks have been carried out they will be listed under 'Saved trips'. You can check the status of your trips in the Trip Planner of the XT.



- Connect the XT to your computer by USB, if not already done.
- Copy the files named 'nnnnnnnnnn.trip' from 'Internal storage\System\Trips' to a folder on your computer. Ideally this should be a folder that's only used for .trips.
- Now the program must be executed by means of this command:
java -jar SetTripsToSaved.jar
 - o Windows users I have included a CMD file that does this, and pauses after execution.
 - o Mac Users will have to create something similar.
- The program will prompt you for the folder where the .trip files are saved.
- Check the results. Make sure no stack-traces etc. are printed.
- Now copy the files back to the same location on the XT.
- That's it. Unplug the USB, and restart.
- I recommend cleaning up the folder on your hard-drive afterwards, to prevent copying old trips back to your XT.

Sample output on Windows.

