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# DXL - APRSmap englisch

 Für die deutsche Version dieses Projekts >>hier klicken<<

APRSmap is a new APRS client software by OE5DXL, which is based on the OSM map source. It allows a lot of features in only one program by a good usability. NO installation is required, just put it on a disk an start it!

Datei:aprsmap.png

A lot of documentation work has to be done soon !!

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## Features

- OpenSource and already compiled for windows and linux
- 100%ige compliance with the current APRS protocol specifications
- No installation required, just copy and start
- No unnecessary menus, focus is on the representation
- IP-based, out-of-the-box network-ready in HAMNET and Internet
- Operation via shortcuts
- Local serial connection (TNC) possible - operating as an RF IGATE
- Several MapSources can be used. By default, this is OSM - OpenStreetMap
- Downloading map source on demand
- Track filter for delayed / late / repeated packets "f"
- Radio propagation calculation (since v0.36) "R"
- Animation of tracks with timeline "a"
- Animation of the temperature distribution "w"
- Messaging

### Shortcuts

```
: delete markers
@ reset <On Next Click> to menu mode
A Animate
B or <Backspace> go back in position history
C Center (to last clicked Pixel)
E toggle Errors only/All for stepping along a track with <>
F Junk Filter toggle on/off
H Heard (click symbol or text of igate before)
I Internal Status Listing
L toggle labels on/off
M toggle dimm not moving since 10min
O toggle Objects/Items on/off
Q Quit Program
R toggle Radio tracks on/off
S Screenshot ppm/bpm
V make Video map.y4m uncompressed in YUV4MPEG2 format
W toggle Wx temperature map (use topo or no map)
X set Marker 1 to clicked position
Y set Marker 2 and Line to Marker 1
/ zoom to Marker 1-2 Square
~ change track colour
+ Zoom in
- Zoom out
. zoom to track and show only this (clicked before)
= same as  but with radio tracks
0 show all (and radio tracks off)
1,2,3,4 Zoom/Pan to stored Views
7 use osm map
9 use osm topo map
ESC close menus
Cursor up/down/left/right move map, same as click near margin
SHIFT with up/down/left/right/[zoom+]/[zoom-] in smaller steps
DEL delete selected
```

## Software

The software is available for OS like WINDOWS, LINUX and systems based on ARM structures like raspberry pi.

### Windows version

- download via Wiki (Datei:Aprsmap-all.zip)
- download via HAMNET with latest updates *(HAMNET-connection required)*