GPXSee

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GPXSee has a clean and effective GUI layout that does not waste your screen space with unnecessary elements.

Download GPXSee View on GitHub

What is GPXSee?

GPXSee is a GPS log file viewer and analyzer that supports all common GPS log file formats.

Key features

- Opens GPX, TCX, FIT, KML, NMEA, IGC, CUP, SIGMA SLF, Suunto SML, LOC, GeoJSON, OziExplorer (PLT, RTE, WPT), Garmin GPI & CSV, TomTom OV2 & ITN, ONmove OMD/GHP, TwoNav (TRK, RTE, WPT) and geotagged JPEG files.
- User-definable online maps (OpenStreetMap/Google tiles, WMTS, WMS, TMS, QuadTiles).
- Offline maps (OziExplorer maps, TrekBuddy maps/atlases, Garmin IMG/GMAP & JNX maps, TwoNav RMaps, GeoTIFF images, MBTiles, BSB charts, KMZ maps, AlpineQuest maps, Locus/OsmAnd/RMaps SQLite maps, Mapsforge maps, QCT maps, GEMF maps, Osmdroid SQLite maps, Orux maps, ESRI World-File georeferenced images).
- Elevation, speed, heart rate, cadence, power, temperature and gear ratio/shifts graphs.
- Support for DEM files (SRTM HGT).
- Support for POI files.
- Print and export to PNG and PDF.
- Multiple tracks in one view.
- Full-screen mode.
- HiDPI/Retina displays and maps support.
- Real-time GPS position.
- Available for Windows, macOS, Linux and Android.
- **Free software** (GPLv3 open-source license).

GPXSee is designed as a small (no dependencies except of Qt), fast and uncomplicated GPS data/map viewer, not a full featured GIS software. However, the spectrum of supported data files/map sources is relatively rich, see the *Documentation* section for details.

Getting GPXSee

- Windows installer
- Mac OS X bundle
- Linux repos/packages
- Android APKs
- Sources

Additionally to the source codes, GPXSee is available as a Windows installer and an OS X dmg from the project's Sourceforge page and in form of various Linux packages from the project's openSUSE Build Service page. Most Linux distributions (Archlinux, Fedora, Gentoo, openSUSE, ...) as well as BSD distributions (FreeBSD, NetBSD, OpenBSD) also provide GPXSee in their official repositories, however not always in the latest version. On OS X you can also use the MacPorts or Homebrew packaging systems to install GPXSee.

On Android, you can install GPXSee from the Google Play app store.

The official Windows & OS X installers are always signed using certificates available at the GitHub project page. As the certificates are non-commercial (self-signed) you have to import the certificate on Windows first if you want your OS automatically check the installer when installing GPXSee. ***On OS X, Apple does not allow software that does not generate them profit like GPXSee to pass OS X's Gatekeeper (you can't import custom certificates) so you need to run the application using the "right click menu" when opening it for the first time.***

GPXSee maps

- GPXSee online maps

GPXSee supports most tile server based online maps out there, but the list of map definitions distributed with the official packages is limited to a small set of well known global map services. You may however easily extend (or change) the default map list with your own map definitions.

Support GPXSee

Sponsor

Help defraying the costs of GPXSee developement.

Releases

Oct 10 2022
Version 11.6
- Fixed tracks/routes line style configuration (introduced in 11.5).
- Fixed KML StyleMap handling.

Sep 28 2022
Version 11.5
- Added support for data styles.
- Added Catalan localization.
- Fixed KML gx::Track parsing.
- Fixed broken map zoom 0 on HiDPI displays.
- Updated USGS maps (added zoom 16).

Sep 4 2022
Version 11.4
- Added support for KMZ data files.
- Multiple KML format parser fixes and improvements.
- Added support for non-SQL Orux maps.

Apr 13 2022
Version 11.3
- Added support for Orux maps.
- Android PDF/PNG export dialogues fixes/improvements.

Jul 31 2022
Version 11.2
- Added support for Osmdroid SQLite maps.
- Added support for GEMF maps.
- Various minor map parsers fixes/improvements.
- Multiple Android GUI fixes/improvements.

Full changelog

There is a community driven GPXSee maps repository on GitHub where you can find a lot of additional map definitions for various map services, usually run by some state geographic institution or a non-profit organization.

Additionally to the online maps, you can use the most common community provided offline maps. This includes Garmin IMG maps and Mapsforge vector maps, MBTiles, JNX and KML maps as well as images in GeoTIFF format or using ESRI world files to georeference the raster data. The set of supported offline map formats has become so large during the time, that you can now use GPXSee also as an universal map viewer. There is even an option to load whole map directories and generate their overviews on a base map.

Reporting bugs

If you have found a bug in GPXSee, please report it using the GitHub issue tracker. Bugs that are not reported can not be fixed! If you are missing some feature in GPXSee, you may also use the tracker to request it.

Bad/missing translations can be fixed directly on the projects Weblate page.