Franson GpsGate - share your GPS

Using Franson GpsGate™ it is possible to share one GPS between many applications running on a laptop or handheld computer. Today's solutions only allow one application to take exclusive access of a connected GPS. As more applications are becoming position aware, GPS sharing will become a necessity.

Main features

- Share one GPS between several applications.
- Garmin USB to NMEA conversion.
- More stable GPS connection.
- GPS simulation and logging.

Share GPS

One application doesn't solve all needs for one user. The ability to run several applications at the same time is the key to all modern computing. The same logic goes for GPS applications. But using today's GPS technology this isn't possible! GpsGate overcomes this limitation, and makes GPS users much more productive.

GPS simulator

GpsGate can simulate a GPS travelling between a set of user defined waypoints. This is great for indoor demonstrations and development.

GPS log and replay

Data from the GPS can at any time be stored to a log file in NMEA format. A log file can later be played back as the data came from a real GPS.
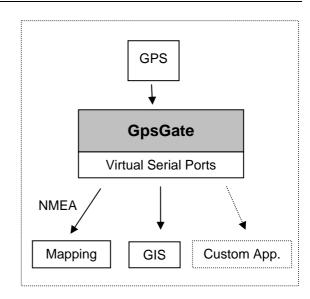
Franson Technology AB

Home page http://franson.com/gpsgate
Email   sales@franson.com
Phone   +46 (0)8 612 50 70
Address   Arkovagen 45
                  Johanneshov, 121 55
                  Sweden

Technical description

GpsGate supports NMEA and **Garmin USB** as input and creates **virtual serial ports** for each GPS enabled application. The virtual serial port supports NMEA.

GpsGate automatically **reconnects** to the GPS if it turned off and on or when a Bluetooth GPS temporarily gets out of reach.

GpsGate API. GpsGate can be configured and accessed from an application without user interaction.

The **current status** of the GPS, like connection status and GPS fix status can be monitored in the task bar. From here all GpsGate functions can be accessed.

Platforms

Windows XP/2000/NT
Windows ME/98
Windows CE / Pocket PC 3.0 and later