

GPS/J v2.8 – what’s new

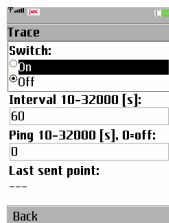
Support for built-in GPS receivers

Now you can use GPS/J with any JSR-179 capable device equipped with an integrated receiver like Nokia N95, N82 or Siemens SGX-75. Run the trial to check compatibility!



Traces

You can let someone know where you are, what is your current heading or speed. Just switch on the trace! Your trip will be recorded in the background on the Portal, where it will be immediately available. You can grant access to your traces to any other GPS/J user. Moreover, traces can be transformed into tracks.



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Trace waypoints							
Timestamp	Longitude	Latitude	Altitude	Distance (km)	Speed (km/h)	Heading (°)	Heading
2008-05-04 11:49:19	20.8985	52.2261	99.1				
2008-05-04 11:50:20	20.8971	52.2272	95.1	0.154	9.13	322°	NW

As the communication takes just a few bytes and the GPRS context is kept alive, using traces may be cost-effective.

Routes, Track back

Following a track is now much easier as you can be directed to waypoints of the track using GPS information, compass or the map screen. You know how many waypoints there are to reach, what is the distance to the next one. You can decide whether to reach each waypoint. Designing a trip with an external tool and navigating along it is now fairly easy. Traces and routes are available also in the Lite version for low-end Nokia Series 40.



Http upload protocol

In version 2.7 sockets were used for data export. This is fast but unfortunately not a very reliable protocol. In 2.8 http connection is used by default for any Portal activity.

Public tracks

If you like to share your tracks, you can make them available to the public in a few popular formats. With GPS/J 2.9 anyone will be able to download them directly from the menu.