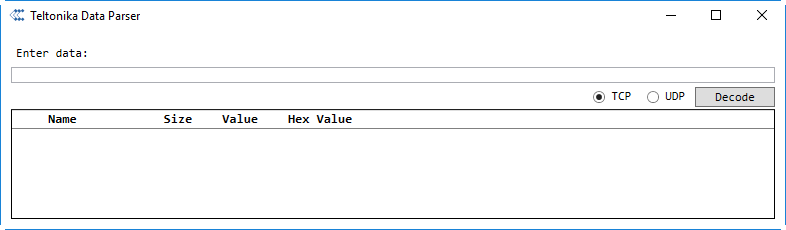
# Teltonika Data Parser (windows application)

Purpose of this application is to help developers to understand how data coming from FM is decoded.



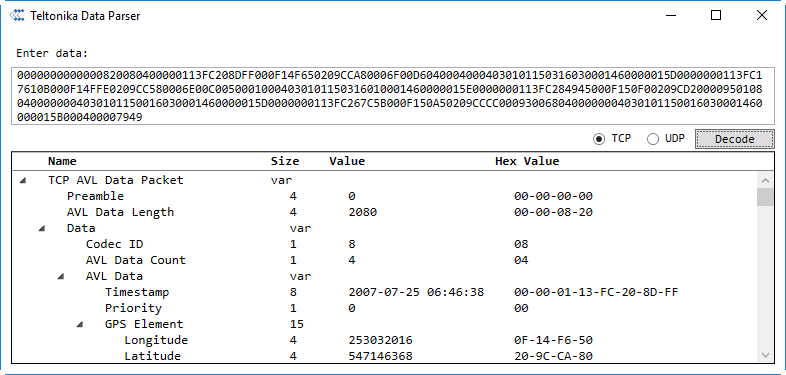
Pic. - application main window

Application can decode TCP and UDP Codec7, Codec8 or Codec8 Extended data.

Here is TCP Codec8 packet example: 00000000000000A7080400000113FC208DFF000F14F650209CCA80006F00D60400040004030101150316030001460000015D0000000113FC17610B000F14FFE0209CC580006E00C00500010004030101150316010001460000015E0000000113FC284945000F150F00209CD200009501080400000004030101150016030001460000015D0000000113FC267C5B000F150A50209CCCC0009300680400000004030101150016030001460000015B00040000BA48

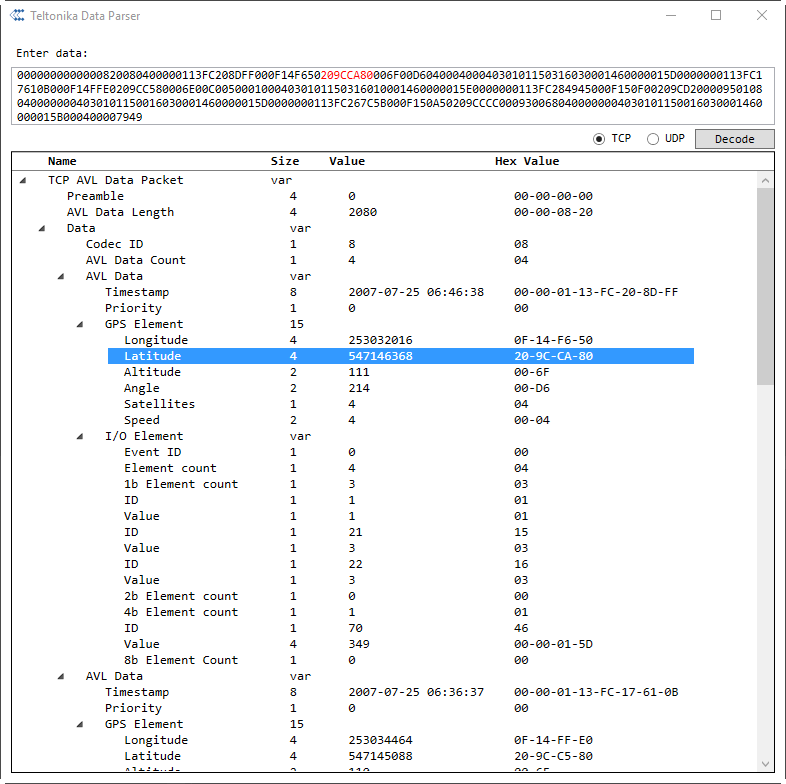
And here is TCP Codec7 packet example: 0000000000000045070244D4FAE007DF425AE4D341CAB3FB009C9F0004170000601A02015D02010114005F44D4FB1507DF425AE4CC41CAB3D20091AE0104160000601A02015D020101140062200000AF0E

Paste data into “enter data” field, select TCP mode and press decode button:



Pic. - decoded TCP packet

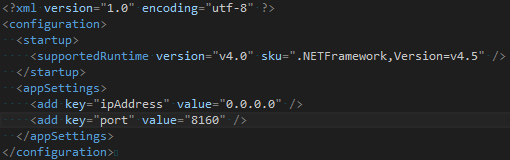
Decoded data is displayed in a data tree, each element is represented by name, size, decimal value and hexadecimal value. In the next example “latitude” element selected, which is 4b size and have value 547146368 or 0x209cca80. Selected element is highlighted in a raw data packet.



Pic. - view decoded packet

# TCP Listener (console application)

Purpose of this console application is to help developers understand how data from FM is received over TCP. In app.config specify port to listen:

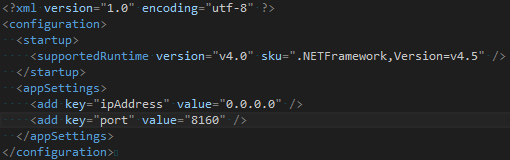


Pic. - setting port to listen

You can start application now.

# UDP Listener (console application)

Purpose of this console application is to help developers understand how data from FM is received over UDP. In app.config specify port to listen:



Pic. - setting port to listen

You can start application now.

# Teltonika.Codec8 (library)

This library is used to decode codec 8 encoded data, developers can view source code to see decoding implementation.