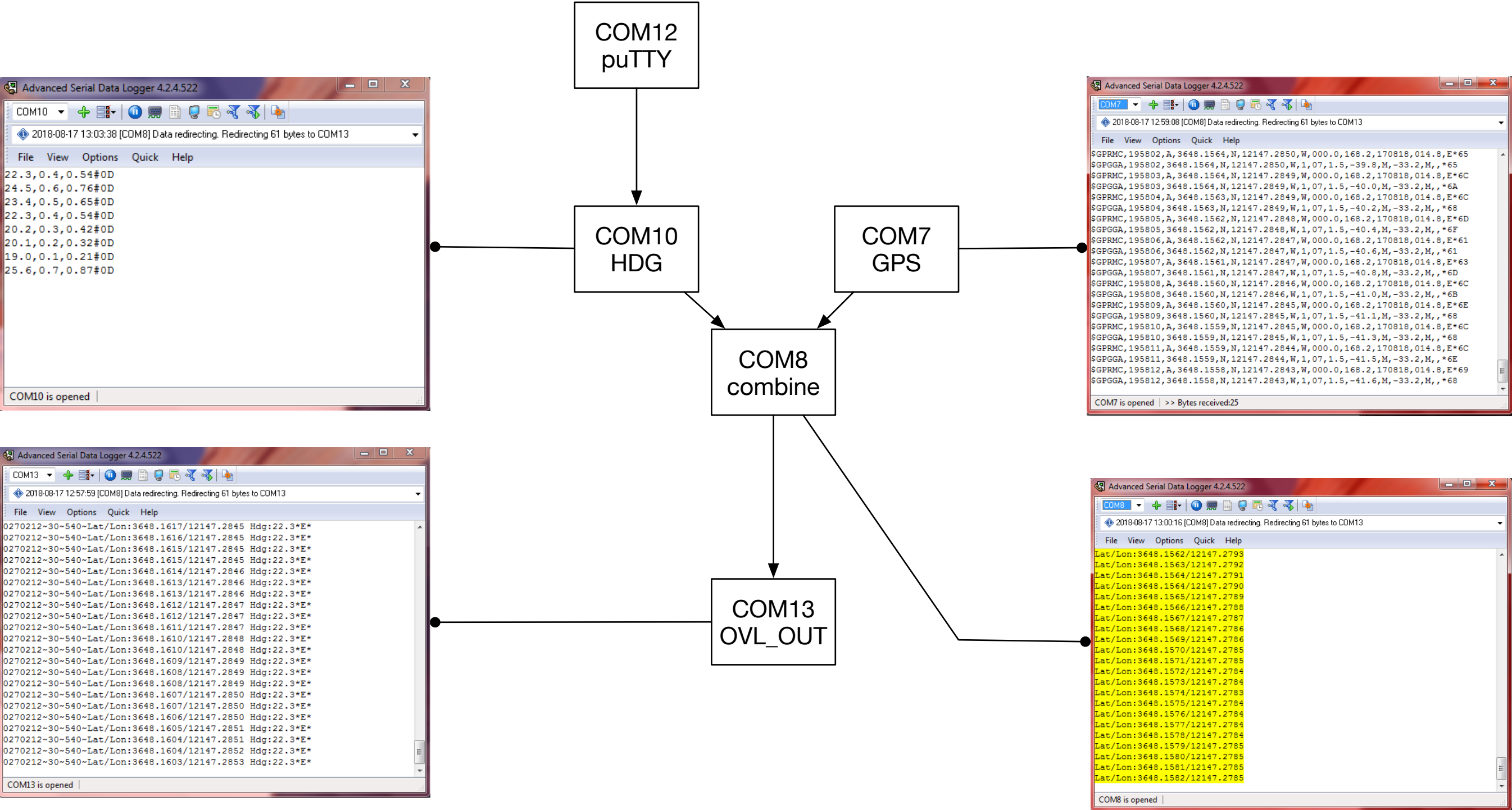
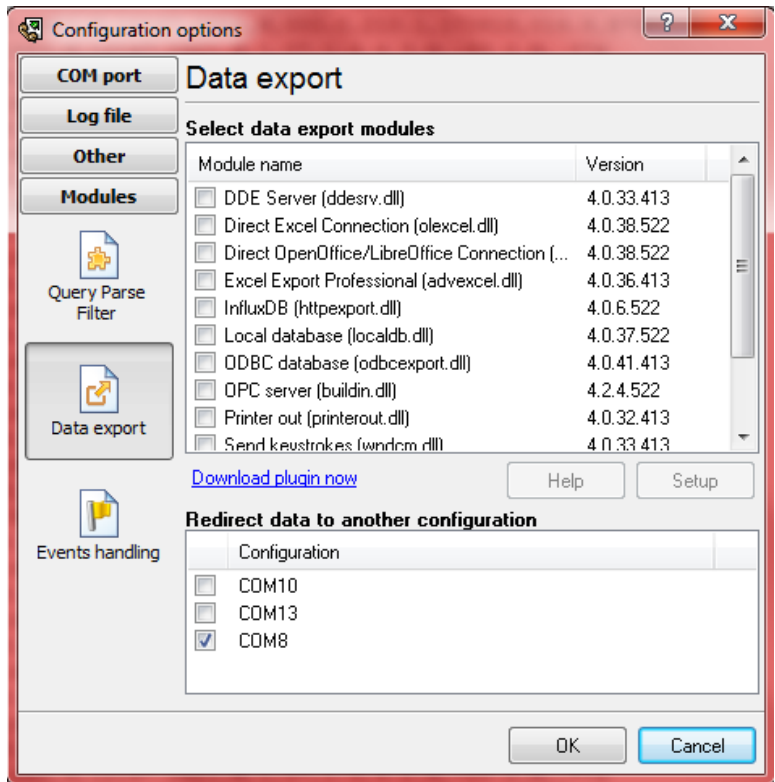
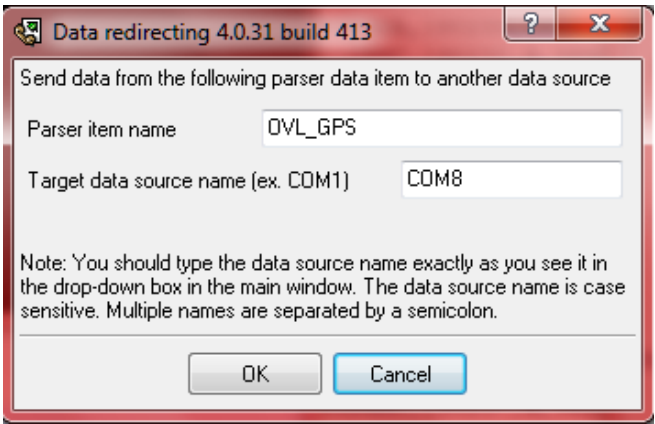
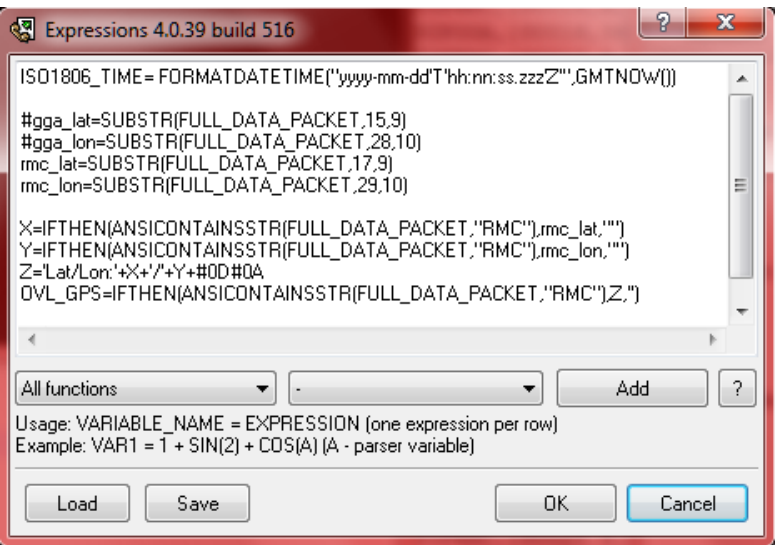
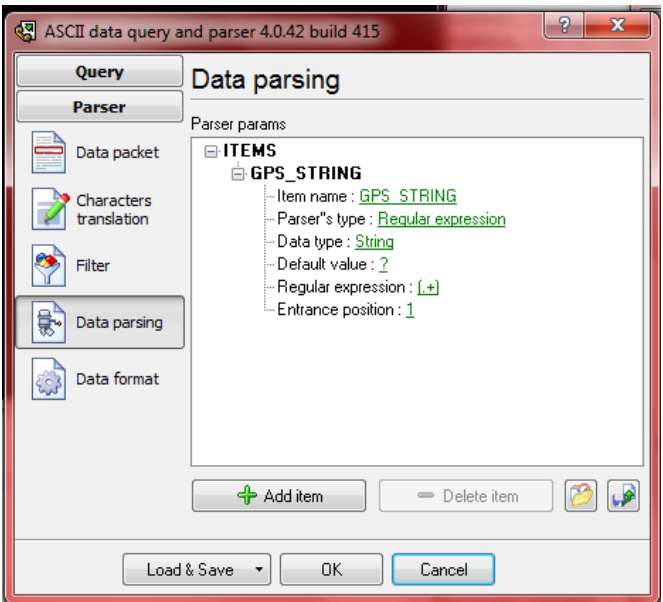
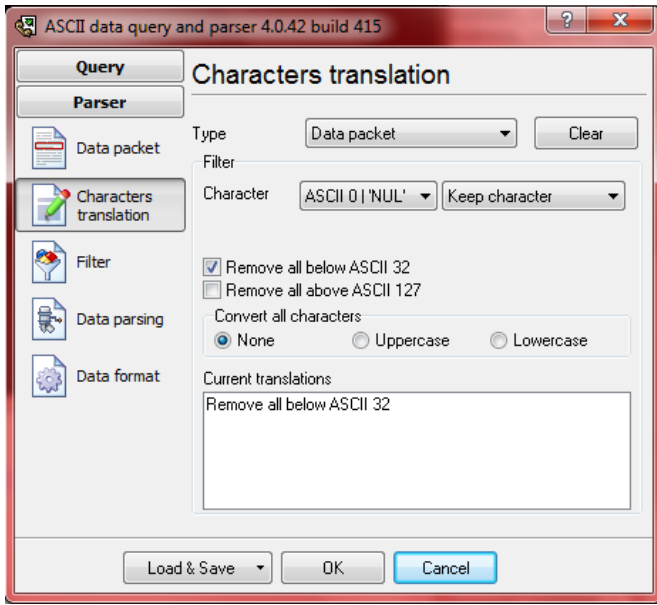
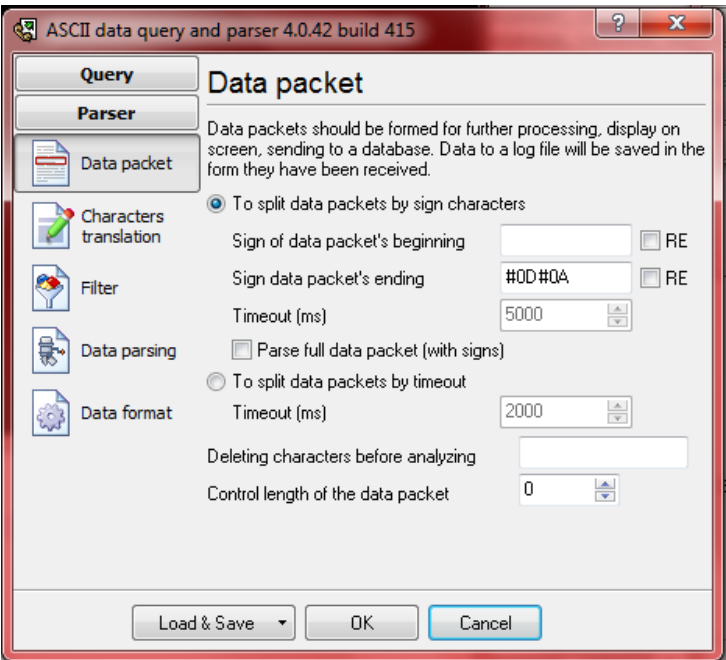
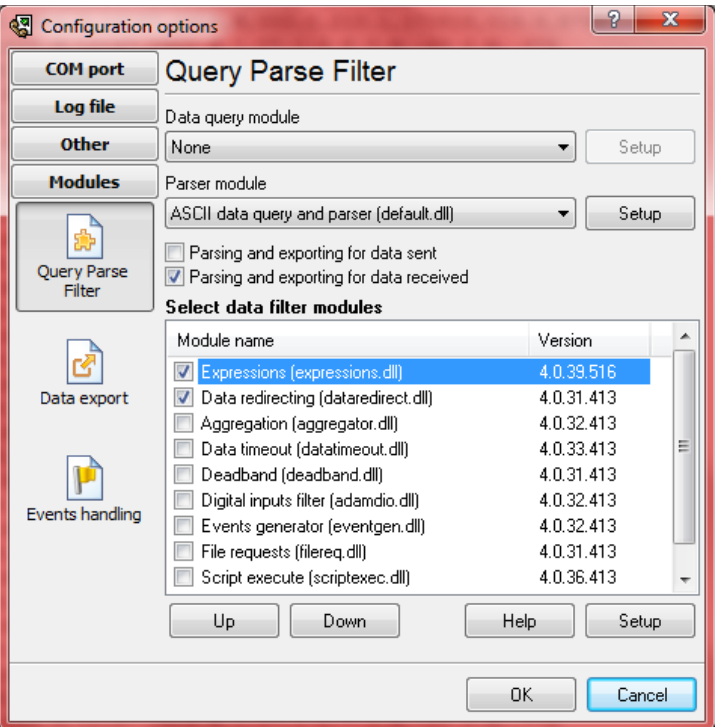
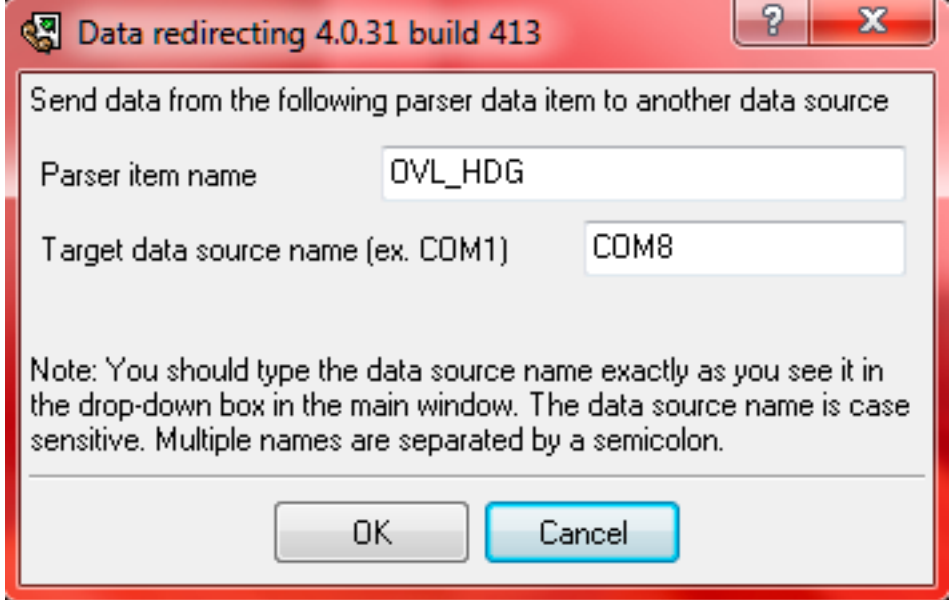
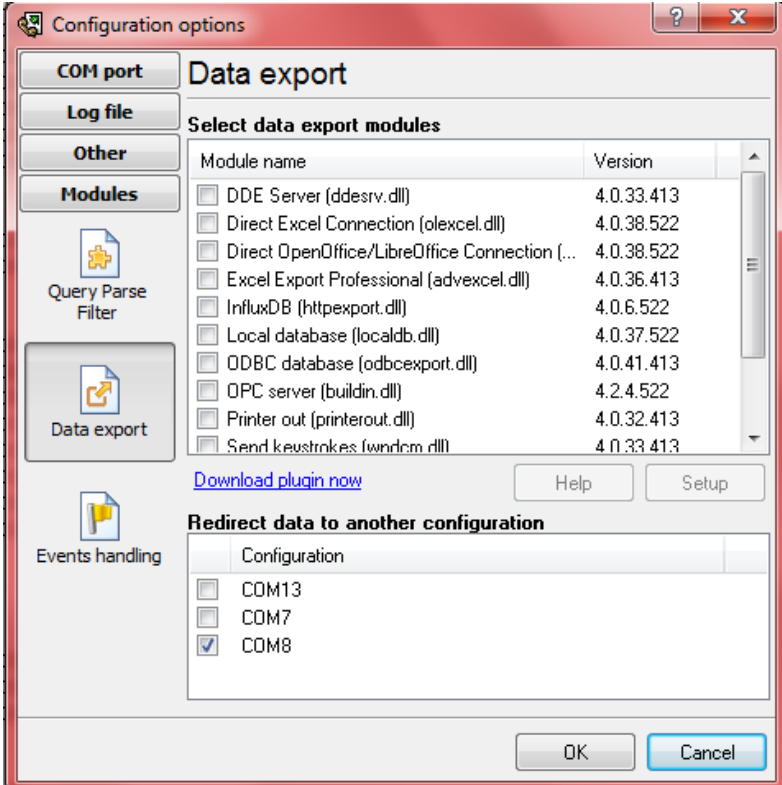
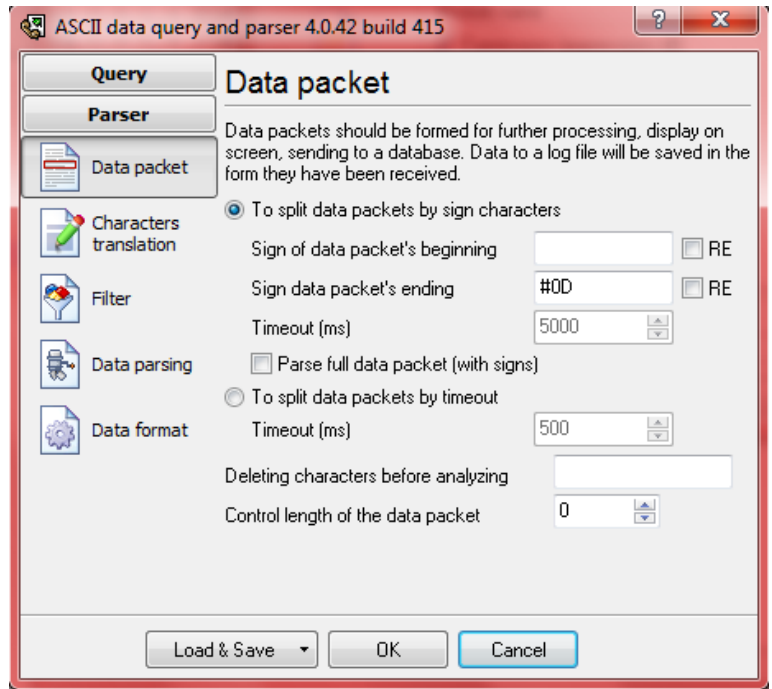
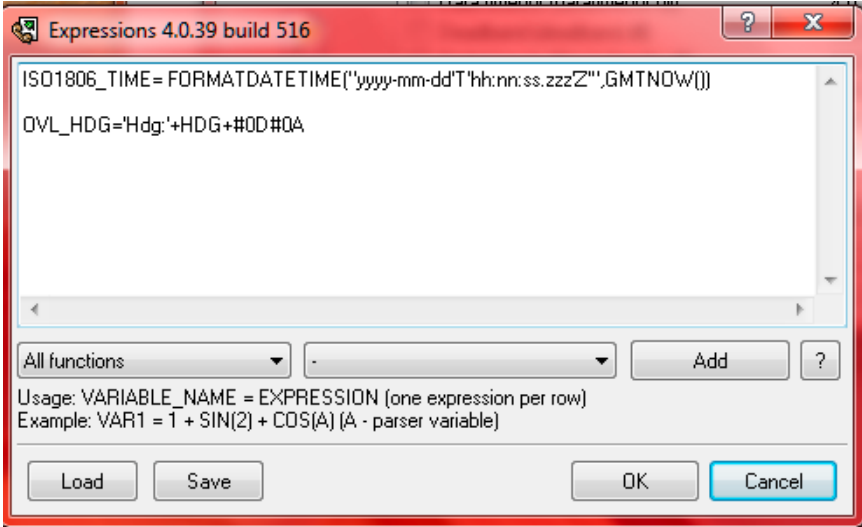
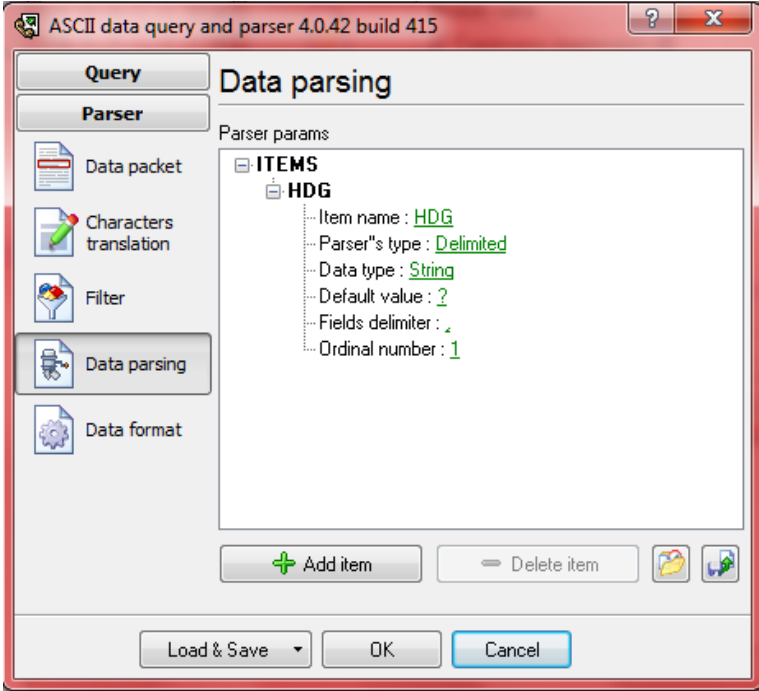
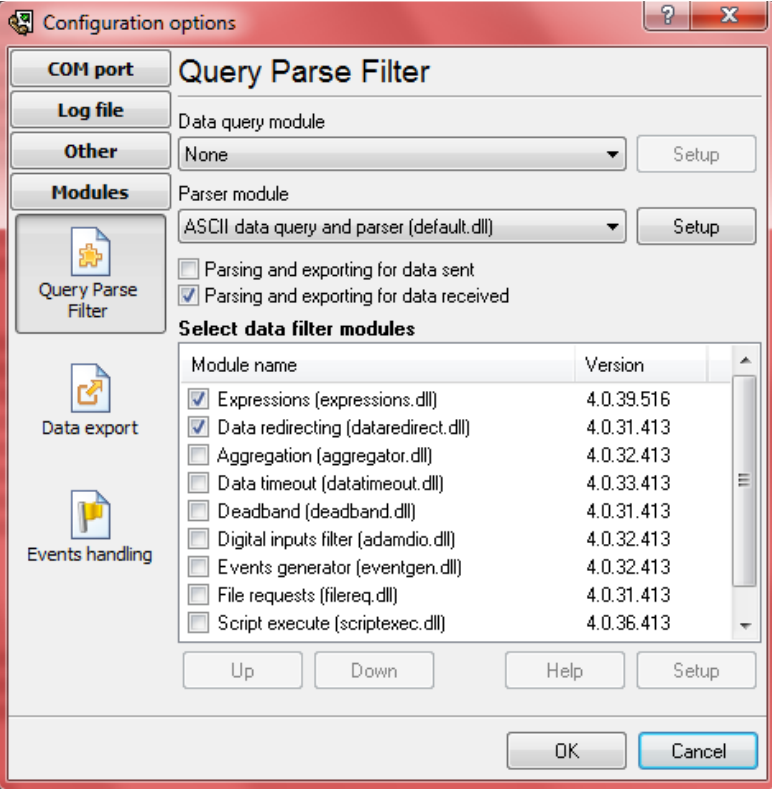




COM7
GPS



COM10
HDG



COM8
combine

ASCII data query and parser 4.0.42 build 415

Query

Parser

Data packet

Characters translation

Filter

Data parsing

Data format

Parser params

ITEMS

- GPS**
 - Item name: GPS
 - Parser's type: Regular expression
 - Data type: String
 - Default value: ?
 - Regular expression: Lat[.+]
 - Entrance position: 1
- HDG**
 - Item name: HDG
 - Parser's type: Regular expression
 - Data type: String
 - Default value: ?
 - Regular expression: Hdg[.+]

+ Add item

- Delete item

Load & Save

OK

Cancel

ASCII data query and parser 4.0.42 build 415

Query

Parser

Data packet

Characters translation

Filter

Data parsing

Data format

Data packets should be formed for further processing, display on screen, sending to a database. Data to a log file will be saved in the form they have been received.

☒ To split data packets by sign characters

Sign of data packet's beginning: ☐ RE

Sign data packet's ending: ☐ RE

Timeout (ms): 5000

☐ Parse full data packet (with signs)

☐ To split data packets by timeout

Timeout (ms): 2100

Deleting characters before analyzing:

Control length of the data packet: 0

Load & Save

OK

Cancel

Configuration options

COM port

Log file

Other

Modules

Query Parse Filter

Data query module

None

Setup

Parser module

ASCII data query and parser (default.dll)

Setup

☐ Parsing and exporting for data sent

☒ Parsing and exporting for data received

Select data filter modules

Module name	Version
☒ Aggregation (aggregator.dll)	4.0.32.413
☒ Expressions (expressions.dll)	4.0.39.516
☒ Data redirecting (dataredirect.dll)	4.0.31.413
☐ Data timeout (datatimeout.dll)	4.0.33.413
☐ Deadband (deadband.dll)	4.0.31.413
☐ Digital inputs filter (adamdio.dll)	4.0.32.413
☐ Events generator (eventgen.dll)	4.0.32.413
☐ File requests (filereq.dll)	4.0.31.413
☐ Script execute (scriptexec.dll)	4.0.36.413

Up

Down

Help

Setup

OK

Cancel

Aggregation 4.0.32 build 413

Specify one or more variables to aggregate. The module will not send a data record to a data export module until the aggregation isn't complete

Aggregate variables

OVL_GPS

OVL_HDG

Aggregation timeout (ms): 0

☒ Do not reset aggregation state (data grouping)

OK

Cancel

Expressions 4.0.39 build 516

X=STRLEN(OVL_GPS)

Y="S*60270212~30~540~"+OVL_GPS+" "+OVL_HDG+"E"#13#10

OVL=IFTHEN(X>0,Y,"")

All functions

Usage: VARIABLE_NAME = EXPRESSION (one expression per row)

Example: VAR1 = 1 + SIN(2) + COS(A) (A - parser variable)

Load

Save

OK

Cancel

Data redirecting 4.0.31 build 413

Send data from the following parser data item to another data source

Parser item name: OVL

Target data source name (ex. COM1): COM13

Note: You should type the data source name exactly as you see it in the drop-down box in the main window. The data source name is case sensitive. Multiple names are separated by a semicolon.

OK

Cancel

Configuration options

COM port

Log file

Other

Modules

Query Parse Filter

Data export

Events handling

Select data export modules

Module name	Version
☐ DDE Server (ddesrv.dll)	4.0.33.413
☐ Direct Excel Connection (olexcel.dll)	4.0.38.522
☐ Direct OpenOffice/LibreOffice Connection (...)	4.0.38.522
☐ Excel Export Professional (advexcel.dll)	4.0.36.413
☐ InfluxDB (httpexport.dll)	4.0.6.522
☐ Local database (localdb.dll)	4.0.37.522
☐ ODBC database (odbcexport.dll)	4.0.41.413
☐ OPC server (buildin.dll)	4.2.4.522
☐ Printer out (printerout.dll)	4.0.32.413
☐ Send keystrokes (wmdm.dll)	4.0.33.413

[Download plugin now](#)

Help

Setup

Redirect data to another configuration

Configuration

☐ COM10

☐ COM13

☐ COM7

OK

Cancel

COM13
OVL_OUT

