

Program Name: Term-Cap

Object

To capture data from 'serial' port and write to file and/or database.

Program type/operating system

Windows Executable – no display of data on screen. Data statistics displayed as desired. Number of records and time of operation/duration. This is not a DLL or a 'Service'. It does not require any special 'run time' modules.

Memory requirement

Minimal – less than 64MB.

Program Function

Read data input from 'serial port' and write to file. File type can be ASCII data or binary. Data read from 'serial port' will also be written to database. Database type can be ODBC compliant, ACCESS MDB, MSSQL or MySQL. Please note ODBC compliant includes ACCESS and MySQL.

Program Line Termination/Record delimiter

Configurable in settings.

Configuration

On 'first run', the program will enquire from user the settings required to operate. Otherwise will start collecting data.

- Configuration – Port settings from Com1 to Com32.
- USB connected serial devices included in ports.
- Data Baud rate, bits 5-8, parity and stop bits all configurable. The usual '/I' for initialisation will reconfigure program operation.
- Program Line Termination/Record delimiter.
- Configuration will be saved in the registry.

Modification and Additions

Any further additions to program functionality or modifications desired by client, will be for client cost. My rate is R400 per hour excluding VAT.