

TASK FOR THE SPACECRAFT ENGINEERING INTERN POSITION

Using Python 3.x, parse all the binary frames in the 'telemetry.bin' file attached according to the structure described in 'TLM_LIST.csv'.

Extract time, position and attitude information and export this data to STK format in order to make the data available to be imported and replayed.

Deliverables from this practice will be: code + STK files ready to be imported.

Notes:

- Time information in the binary file is in TAI seconds from January 1st 2000, 00:00:00
- ECI frame of reference is J2000
- The size of a data chunk is 2068 bytes